Surface Water Data

Atlantic Provinces

Données sur les eaux de surface

Provinces de l'Atlantique

1987

INLAND WATERS DIRECTORATE
WATER RESOURCES BRANCH
WATER SURVEY OF CANADA
OTTAWA, CANADA, 1988

DIRECTION GÉNÉRALE DES EAUX INTÉRIEURES
DIRECTION DES RESSOURCES EN EAU
DIVISION DES RELEVÉS HYDROLOGIQUES DU CANADA
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PREFACE

This publication was prepared by personnel of the Water Survey of Canada Division under the direction of the Director, Water Resources Branch, Department of the Environment, Ottawa.

The basic data were collected and compiled under the supervision of the Regional Chief of the Water Resources Branch at Dartmouth, Nova Scotia.

The co-operation received from provincial agencies and from other organizations is gratefully acknowledged.

PRÉFACE

La Division des relevés hydrologiques du Canada, sous l'autorité du Directeur des ressources en eau du ministère de l'Environnement (Ottawa), a préparé la présente publication.

On a recueilli et compilé les données de base sous la supervision du Chef régional de la Direction des ressources en eau, à Dartmouth (Nouvelle-Écosse).

On remercie vivement les organismes provinciaux, ou autres, pour la coopération qu'ils ont apportée.

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INTRODUCTION

The Water Resources Branch of the Department of the Environment herein presents for the 1987 calendar year, the results of the hydrometric survey investigations which were made in Newfoundland and Labrador, New Brunswick, Nova Scotia and Prince Edward Island by the Water Survey of Canada.

Details on individual stations and related records, as well as recent data which have not yet been published, may be obtained upon application to:

Regional Chief,
Water Resources Branch,
Department of the Environment
5th Floor, Queen Square,
45 Alderney Drive,
Dartmouth, Nova Scotia
B2Y 2N6
(902 426-5776)

or to the Water Resources Branch, Department of the Environment, Ottawa, Ontario, K1A 0H3(819 997-2098)

INTRODUCTION

La Direction des ressources en eau du ministère de l'Environnement présente, pour l'année civile 1987, les résultats des relevés hydrométriques que la Division des relevés hydrologiques du Canada a effectués à Terre-Neuve, au Labrador, au Nouveau-Brunswick, en Nouvelle-Écosse et dans l'Île-du-Prince-Édouard.

En s'adressant aux endroits ci-après, on peut obtenir des renseignements supplémentaires sur certaines stations particulières et divers relevés, ainsi que des données récentes non encore publiées:

Chef régional
Direction des ressources en eau
Ministère de l'Environnement
Édifice Queen Square, 5e étage
45, prom. Alderney
Dartmouth (Nouvelle-Écosse)
B2Y 2N6
(902 426-5776)

ou au Direction des ressources en eau, ministère de l'Environnement, Ottawa (Ontario), K1A 0H3(819 997-2098).

ORGANIZATION AND HISTORY OF HYDROMETRIC SURVEY OPERATIONS

During 1987, the hydrometric surveys in Newfoundland and Labrador, New Brunswick, Nova Scotia and Prince Edward Island were conducted by the Water Survey of Canada under individual co-operative arrangements with each provincial government or its agency. The provincial authorities contributed to the cost of the basic field investigations which were carried out in accordance with mutually agreed-upon plans.

In Nova Scotia, from 1915 to 1919, hydrometric investigations were conducted by the Dominion Water Power Branch in co-operation with the Nova Scotia Water Power Commission. A similar co-operative arrangement was made in 1918 with the Province of New Brunswick. On May 1, 1919, new agreements were made between the Government of Canada the Provinces of New Brunswick and Nova Scotia and an initial agreement made with the Province of Prince Edward Island whereby the Dominion Water Power Branch, which later became the Dominion Water and Power Bureau, assumed responsibility for basic water resources investigations in the three provinces. Although these arrangements were terminated on March 31, 1933, work was continued by the federal government under letter arrangements with the Provinces of New Brunswick and Nova Scotia. Work was discontinued in the Province of Prince Edward Island in 1933.

A new agreement with the Province of New Brunswick came into effect on April 1, 1951, and in 1961, a further agreement for the extension of hydrometric coverage was concurred in. A new agreement with the Province of Prince Edward Island was made in 1961 and hydrometric records were commenced in August. A co-operative agreement covering hydrometric surveys in Newfoundland and Labrador was ratified by both governments on March 24, 1950.

Co-operative agreements were negotiated with the four provinces (implementation date in each case was April 1, 1975) and signed by Prince Edward Island January 28, 1975, New Brunswick February 24, 1975, Newfoundland and Labrador February 25, 1975, and Nova Scotia April 28, 1975. The agreements provide that water quantity surveys will be continued by the federal government on a shared cost basis.

ORGANISATION ET HISTORIQUE DES RELEVÉS HYDROMÉTRIQUES

En 1987, la Division des relevés hydrologiques du Canada a effectué des relevés hydrométriques à Terre-Neuve, au Labrador, au Nouveau-Brunswick, en Nouvelle-Écosse et dans l'Île-du-Prince-Édouard en vertu d'accords conclus avec chaque province ou un de ses organismes provinciaux. Les autorités provinciales ont contribué au coût des recherches de base réalisées sur le terrain, après entente mutuelle sur leur programme.

De 1915 à 1919, la Direction fédérale de l'énergie hydraulique et la *Nova Scotia Water Power Commission* ont entrepris des recherches hydrométriques en Nouvelle-Écosse. La Direction a signé une entente semblable en 1918 avec le Nouveau-Brunswick. Le 1er mai 1919, le gouvernement du Canada a conclu de nouveaux accords avec le Nouveau-Brunswick et la Nouvelle-Écosse et un premier accord avec l'Île-du-Prince-Édouard, aux termes desquels la Direction fédérale de l'énergie hydraulique, devenue plus tard le Bureau fédéral de l'eau et de l'énergie, assumait la responsabilité des études de base sur les ressources en eau des trois provinces. Les accords ont pris fin le 31 mars 1933; toutefois, en vertu de lettres d'entente, le gouvernement fédéral a continué d'exécuter les observations pour les provinces du Nouveau-Brunswick et de la Nouvelle-Écosse. Il a dû abandonner les recherches relatives à l'Île-du-Prince-Édouard, en 1933.

Un nouvel accord avec le Nouveau-Brunswick est entré en vigueur le 1er avril 1951, suivi, en 1961, d'un autre qui visait à en élargir la portée. En 1961, le gouvernement fédéral a signé un nouvel accord avec la province de l'Île-du-Prince-Édouard, et les relevés hydrométriques ont débuté en août de la même année. Les deux paliers de gouvernement ont conclu un accord pour les relevés hydrométriques à Terre-Neuve et au Labrador le 24 mars 1950.

Le gouvernement fédéral a signé des accords (qui sont tous entrés en vigueur le 1er avril 1975) avec l'Île-du-Prince-Édouard, le 28 janvier 1975, avec le Nouveau-Brunswick, le 24 février 1975, avec la Terre-Neuve et le Labrador, le 25 février 1975, et avec la Nouvelle-Écosse, le 28 avril 1975. Selon les dispositions des accords, le gouvernement fédéral s'occupera du programme de relevés hydrométriques dans chacune des provinces et partagera avec elle le coût des mesures.

CO–OPERATION AND ACKNOWLEDGMENTS

Co-operative undertakings with other agencies form an important part of the activities of the Water Survey of Canada. Close co-operation has been maintained with public agencies and private organizations concerned with water resources. Runoff and other data have been mutually exchanged and stream-gauging operations have been facilitated by the assistance received from a number of organizations.

COOPÉRATION ET REMERCIEMENTS

Le travail entrepris en coopération avec d'autres organismes représente une partie importante des activités de la Direction des relevés hydrologiques du Canada. On a maintenu une étroite collaboration avec les organismes, publics ou privés, qui s'intéressent aux ressources en eau. On a échangé des données portant sur l'écoulement ou sur d'autres points, et l'assistance fournie par beaucoup d'organismes a facilité les opérations de jaugeage.

On waters adjacent to the International Boundary, certain gauging stations are maintained by Canada (or the United States) under agreement with the United States (or Canada) and the records are collected and compiled in a manner equally acceptable to both countries. These stations are designated as "International Gauging Stations" in this publication.

For the valuable assistance and co-operation received in obtaining hydrometric survey records, the Water Survey of Canada is indebted to the following organizations:

Federal – Department of National Defence.

Provincial – Newfoundland Department of Environment;
Newfoundland and Labrador Hydro Corporation;
New Brunswick Electric Power Commission;
New Brunswick Department of Environment;
Nova Scotia Department of Lands and Forests;
Nova Scotia Department of Environment;
Nova Scotia Power Corporation;
Prince Edward Island Department of Community Affairs;
Quebec Department of the Environment.

Municipal – City of Fredericton, New Brunswick;
City of Charlottetown, Prince Edward Island.

Private – *In Newfoundland* – Bowater Power Company Limited, Deer Lake Power Company Limited, Iron Ore Company of Canada Limited, Newfoundland Light and Power Company Ltd., Price (Newfoundland) Pulp and Paper Co. Ltd., Churchill Falls (Labrador) Corporation Ltd.
In New Brunswick – Consolidated-Bathurst Company Limited, Fraser Companies Limited.
In Main, U.S.A. – The Georgia-Pacific Corporation.

Pour ce qui est des eaux adjacentes à la frontière internationale, certaines stations de jaugeage dépendent du Canada (ou des États-Unis) suite à un accord avec les États-Unis (ou le Canada), et les relevés sont faits et compilés de façon à satisfaire les deux pays. Ces stations sont nommées «Stations internationales de jaugeage».

La Division des relevés hydrologiques du Canada est redevable aux organismes suivants de l'aide et de la collaboration précieuses qu'ils lui ont apportées lors de la prise des relevés hydrométriques:

Niveau fédéral – Ministère de la Défense nationale.

Niveau provincial – Ministère de l'Environnement de Terre-Neuve,
Hydro-Terre-Neuve et Labrador,
Commission de l'énergie électrique du Nouveau-Brunswick,
Ministère de l'Environnement du Nouveau-Brunswick,
Ministère des Terres et Forêts de la Nouvelle-Écosse,
Ministère de l'Environnement de la Nouvelle-Écosse,
Nova Scotia Power Corporation,
Ministère des Affaires communautaires de l'Île-du-Prince-Édouard,
Ministère de l'Environnement du Québec.

Niveau municipal – Ville de Fredericton, Nouveau-Brunswick,
Ville de Charlottetown,
Île-du-Prince-Édouard.

Secteur privé – A Terre-Neuve – *Bowater Power Company Limited, Deer Lake Power Company Limited, Iron Ore Company of Canada Limited, Newfoundland Light and Power Company Ltd*, Société des pâtes et papiers Price (Terre-Neuve), et *Churchill Falls (Labrador) Corporation Ltd*.
Au Nouveau-Brunswick – *Consolidated-Bathurst Company Limited, Fraser Companies Limited*.
Dans le Maine (États-Unis) – *Georgia-Pacific Corporation*.

EQUIVALENTS OF MEASURE

The following list of convenient equivalents of measure includes the relationship between imperial units and the International System of Units (SI).

1 inch equals 2.54 cm (centimetres)
1 foot equals 0.3048 m (metre)
1 statute mile equals 1.6093 km (kilometres)

1 cm (centimetre) equals 0.393 70 inch
1 m (metre) equals 3.2808 feet
1 km (kilometre) equals 0.621 37 mile

1 acre equals 43 560 square feet
1 acre equals 0.404 69 ha (hectare)
1 square mile equals 640 acres
1 square mile equals 2.5900 km^2 (square kilometres)
1 square mile equals 259.0 ha (hectares)

1 ha (hectare) equals 10 000 m^2 (square metres)
1 ha (hectare) equals 2.4710 acres
1 km^2 (square kilometre) equals 0.386 10 square mile

1 cubic foot equals 6.2288 imperial gallons
1 imperial gallon equals 4.546 09 L (litres)
1 imperial gallon equals 1.2010 U.S. gallons
1 U.S. gallon equals 0.133 68 cubic foot
1 cubic foot equals 0.028 317 m^3 (cubic metre)
1 m^3 (cubic metre) equals 35.315 cubic feet
1 dam^3 (cubic decametre) equals 1000 m^3 (cubic metres)
1 dam^3 (cubic decametre) equals 1 mm (millimetre) over 1 km^2 (square kilometre)

1 cubic foot per second for one day equals 1.9835 acre-feet
1 cubic foot per second for one day covers one square mile to a depth of 0.037 19 inch
1 acre-foot equals 1.2335 dam^3 (cubic decametres)
1 m^3/s (cubic metre per second) for one day equals 86.4 dam^3 (cubic decametre)
1 m^3/s (cubic metre per second) for one day covers one square kilometre to a depth of 0.0864 m (metre)

1 foot per second equals 0.6818 mile per hour
1 mile per hour equals 1.467 feet per second
1 m/s (metre per second) equals 3.6 km/h (kilometre per hour)
1 km/h (kilometre per hour) equals 0.2778 m/s (metre per second)

1 cubic foot per second equals 0.028 317 m^3/s (cubic metre per second)
1 m^3/s (cubic metre per second) equals 35.315 cubic feet per second

1 pound equals 0.453 59 kg (kilogram)
1 kg (kilogram) equals 2.2046 pounds

1 short ton (2000 pounds) equals 0.907 18 t (tonne)
1 t (tonne) equals 2204.6 pounds

degrees Celsius = 5/9 (degrees Fahrenheit - 32)
degrees Fahrenheit = 9/5 (degrees Celsius) + 32

ÉQUIVALENCES DES UNITÉS DE MESURE

Voici une liste des unités de mesure impériales et leurs équivalences dans le Système international d'unités (SI).

1 pouce vaut 2.54 cm (centimètres)
1 pied vaut 0.3048 m (mètre)
1 mille terrestre équivaut à 1.6093 km (kilomètre)

1 cm (centimètre) équivaut à 0.393 70 pouce
1 m (mètre) équivaut à 3.2808 pieds
1 km (kilomètre) équivaut à 0.621 37 mille

1 acre vaut 43 560 pieds carrés
1 acre équivaut à 0.404 69 ha (hectare)
1 mille carré vaut 640 acres
1 mille carré équivaut à 2.5900 km^2 (kilomètres carrés)
1 mille carré équivaut à 259.0 ha (hectare)

1 ha (hectare) vaut 10 000 m^2 (mètres carrés)
1 ha (hectare) équivaut à 2.4710 acres
1 km^2 (kilomètre carré) équivaut à 0.386 10 mille carré

1 pied cube équivaut à 6.2288 gallons impérials
1 gallon impérial vaut 4.546 09 L (litres)
1 gallon impérial équivaut à 1.2010 gallon américain
1 gallon américain équivaut à 0.133 68 pied cube
1 pied cube vaut 0.028 317 m^3 (mètre cube)
1 m^3 (mètre cube) vaut 35.315 pieds cubes
1 dam^3 (décamètre cube) vaut 1000 m^3 (mètres cubes)
1 dam^3 (décamètre cube) vaut 1 mm (millimètre) qui couvre 1 km^2 (kilomètre carré)

1 pied cube par seconde pendant un jour équivaut à 1.9835 acre-pied
1 pied cube par seconde pendant un jour équivaut à un volume d'un mille carré par 0.037 19 pouce
1 acre-pied équivaut à 1 2335 dam^3 (décamètres cubes)
1 m^3/s (mètre cube par seconde) pour un jour vaut 86.4 dam^3 (décamètre cube)
1 m^3/s (mètre cube par seconde) pour un jour couvre un kilomètre carré à une profondeur de 0.0864 m (mètre)

1 pied par seconde équivaut à 0.6818 mille par heure
1 mille par heure équivaut à 1 467 pied par seconde
1 m/s (mètre par seconde) vaut 3 6 km/h (kilomètre par heure)
1 km/h (kilomètre par heure) vaut 0.2778 m/s (mètre par seconde)

1 pied cube par seconde équivaut à 0.028 317 m^3/s (mètre cube par seconde)
1 m^3/s (mètre cube par seconde) équivaut à 35.315 pieds cubes par seconde

1 livre équivaut à 0.453 59 kg (kilogramme)
1 kg (kilogramme) équivaut à 2.2046 livres

1 tonne courte (2000 livres) équivaut à 0.907 18 t (tonne)
1 t (tonne) équivaut à 2204.6 livres

degrés Celsius = 5/9 (degrés Fahrenheit - 32)
degrés Fahrenheit = 9/5 (degrés Celsius) + 32

DEFINITION OF TERMS AND ABBREVIATIONS

"Control" is the condition downstream from a gauging station that determines the stage-discharge relationship. It may be a stretch of rapids, a weir or other artificial structure. In the absence of such features, the control may be a less obvious condition such as a convergence of the channel or even simply the resistance to flow through a downstream reach. A shifting control exists where the stage-discharge relationship tends to change because of impermanent bed or banks.

"Cubic metres per second" (m^3/s) is a unit expressing rate of discharge. One cubic metre per second is equal to one cubic metre of water flowing past a particular point in one second. This is the basic unit in general use, other units being computed from it by the use of factors as given in the previous paragraph under "Equivalents of Measure".

"Gauging station" is a location where systematic records of stage or stage and discharge are obtained.

"Miscellaneous (or related) data" is all data not published in the regular series of hydrometric and sediment data publications such as unpublished water levels and the various parameters that are measured in obtaining discharge measurements, e.g. water depth, velocity, width, air and water temperatures, ice thickness. This also includes discharge measurements and water level and sediment observations obtained at locations which are not regular gauging stations. Various types of "derived" data could also be considered "miscellaneous", such as water levels and discharges at selected time intervals (usually hourly).

"Stage-discharge relationship" is the relation between the water level and the discharge at a gauging station.

PUBLICATION OF SURFACE WATER AND SEDIMENT DATA

Surface Water Data have been published in a variety of formats in imperial units since 1908 in approximately 300 publications which are now mostly out-of-print. Commencing with the 1979 publications, data are presented in the International System of Units (SI). However, the format has remained the same wherein Canada is divided into eight regions. The provinces each represent a separate region except for New Brunswick, Newfoundland, Nova Scotia and Prince Edward Island which together form the Atlantic Provinces region, and the Yukon and Northwest Territories which make up another. The publications are identified by the province(s) or territories covered and the year in which data were collected. These data are published annually on a calendar-year basis and the stations are listed alphabetically, with two years of data per page.

DÉFINITIONS DES TERMES ET ABRÉVIATIONS

«Élément régulateur» – élément qui conditionne l'écoulement en aval d'une station de jaugeage et qui détermine la relation hauteur-débit au niveau de la station. Ce peut être une série de rapides, un déversoir ou toute autre structure artificielle. En l'absence de ces structures, l'élément régulateur peut provenir d'une condition moins apparente comme le rétrécissement d'un chenal ou simplement la résistance à l'écoulement d'un tronçon situé en aval. Il y a élément régulateur changeant quand la relation hauteur-débit tend à être modifiée par un lit ou des rives instables.

«Mètres cubes par seconde» (m^3/s) – unité du taux d'écoulement. Un mètre cube par seconde équivaut à un mètre cube d'eau s'écoulant en un point donné en une seconde. C'est l'unité de base généralement employée, les autres unités dérivées à partir de celle-ci sont données sous la rubrique «Équivalences des unités de mesure».

«Station de jaugeage» – lieu où l'on effectue des relevés systématiques de la hauteur ou de la hauteur et du débit de l'eau.

«Les données diverses (ou connexes)» – représentent toutes les données qui ne sont pas publiées dans les séries régulières des publications sur les données hydrométriques et les sédiments, par exemple celles des niveaux des eaux et des autres paramètres qui sont mesurés en même temps que le débit, soit la profondeur de l'eau, sa vitesse, son étendue, la température de l'eau et de l'air, l'épaisseur de la glace. Les mesures de débit ainsi que les observations sur les niveaux des eaux et les sédiments, obtenues à des emplacements autres que les stations régulières de jaugeage, sont aussi incluses. D'autres types de données «dérivées» pourraient aussi être classées dans cette catégorie de données «diverses», à savoir les niveaux des eaux et les débits observés à des intervalles de temps précis (en général, toutes les heures).

«Relation hauteur-débit» – relation qui existe entre la hauteur et le débit au niveau d'une station de jaugeage.

PUBLICATION DES DONNÉES SUR LES EAUX DE SURFACE ET LES SÉDIMENTS

Depuis 1908, les *Données sur les eaux de surface* ont été publiées, en utilisant diverses formules et en ayant recours au système d'unités impériales, dans quelque 300 publications lesquelles sont pour la plupart épuisées. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Toutefois, la présentation est toujours la même, c'est-à-dire que le Canada est divisé en huit régions. Chaque province représente une région distincte sauf le Nouveau-Brunswick, la Terre-Neuve, la Nouvelle-Écosse et l'Île-du-Prince-Édouard qui constituent la région des provinces de l'Atlantique, comme c'est le cas aussi pour le Yukon et les Territoires du Nord-Ouest qui sont réunis en une seule région. Les publications sont identifiées par le nom des provinces ou territoires concernés et par l'année de la cueillette des données. Les donnees sont publiées annuellement, en fonction de l'année civile, et les stations sont classées par ordre alphabétique, chaque page de données couvrant deux années.

The first edition of a *Surface Water Data Reference Index* was published for data to 1966 by province or region. Subsequent editions were published annually or biennially in one publication for Canada. Commencing with the 1979 publication, data are presented in the International System of Units (SI) and future editions will be published biennially. Gauging stations are listed by province or territory, in upstream to downstream order. Coloured maps showing the locations of both active and the discontinued stations were included in the first and second editions and were provided in a separate Hydrometric Map Supplement to the 1972 and the 1977 editions. The latest editions of the Reference Index and the Hydrometric Map Supplement supersede all previous editions.

La première édition de l'*Index de référence des données sur les eaux de surface* comprenait les données disponibles jusqu'en 1966, de chaque province ou région. Les éditions subséquentes étaient publiées annuellement ou tous les deux ans en une seule publication pour tout le Canada. À partir de 1979, les données sont fournies dans le Système international d'unités (SI) et les éditions subséquentes vont paraître tous les deux ans. Les stations de jaugeage sont présentées par province ou territoire et placées dans l'ordre de leur position, d'amont en aval. Des cartes en couleurs, qui indiquent l'emplacement des stations hydrométriques en service, y compris celles qui ne le sont plus, ont paru dans les première et deuxième éditions ainsi que dans le *Supplément de cartes hydrométriques* de 1972 et de 1977. L'édition la plus récente de l'*Index de référence* et celle du *Supplément de cartes hydrométriques* annulent les éditions antérieures.

The first edition of a publication series titled *Historical Streamflow Summary* was produced for data to 1970. Subsequent editions have been published every three years. This publication series contains a summary of historical monthly and annual mean discharges and annual extremes for the entire period of record for all stations where streamflow data have been collected during the history of the Water Survey of Canada. Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI). Editions subsequent to 1982 will be published every two years. The latest edition supersedes all previous editions, since it contains any corrections or additions since the last publication.

La première édition d'une série de publications intitulée *Sommaire chronologique de l'écoulement* renfermait les données disponibles jusqu'en 1970. Les éditions subséquentes étaient publiées tous les trois ans. Cette série de publications renferme un résumé des moyennes mensuelles et annuelles des débits ainsi que les débits extrêmes annuels pour toute la période d'enregistrement et pour toutes les stations où des données de débit sont recueillies par la Division des relevés hydrologiques du Canada. Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Les éditions subséquentes à 1982 vont paraître tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

The first edition of a publication series titled *Historical Water Levels Summary* was produced for data to 1976. This publication series contains a summary of historical monthly and annual mean water levels and annual extremes for the period of record for all stations on lakes or reservoirs where water level data have been collected during the history of the Water Survey of Canada. It also contains a summary of water level data for all stations on rivers where "water levels only" were collected or for certain stations on rivers where streamflow data are collected, but the historical water level information is considered to be of sufficient demand to warrant inclusion in the publication (daily water levels for stations where streamflow data are collected are not normally published in the annual Surface Water Data publications). Data are published by province or region, as for the annual Surface Water Data publications. Commencing with the 1979 publications, data are presented in the International System of Units (SI). Editions subsequent to 1983 will be published every two years. The latest edition supersedes all previous editions, since it contains any corrections or additions since the last publication.

La première édition d'une série de publications intitulée *Sommaire chronologique des niveaux d'eau* comprenait les données disponibles jusqu'en 1976. Cette série de publications contient un résumé des niveaux moyens mensuels et annuels ainsi que des niveaux extrêmes annuels pour la période d'enregistrement pour toutes les stations de lacs ou de réservoirs ou des données sur les niveaux d'eau sont recueillies par la Division des relevés hydrologiques du Canada. Elle renferme également un résumé des niveaux d'eau pour toutes les stations de rivières effectuant «uniquement» des relevés de niveaux d'eau ou pour certaines stations de rivières où des données de débit sont recueillies de même que des données sur les niveaux d'eau qui peuvent répondre aux besoins des utilisateurs (en général, les niveaux d'eau quotidiens de stations effectuant des relevés de débit ne sont pas publiées dans les publications annuelles des données sur les eaux de surface). Les données sont publiées par province ou région, comme c'est le cas pour les publications annuelles des données sur les eaux de surface. À partir de 1979, les données sont fournies dans le Système international d'unités (SI). Les éditions subséquentes à 1983 vont paraître tous les deux ans. L'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour depuis la dernière parution.

During the years 1948 to 1960, some sediment data were collected for several Prairie rivers to meet the needs of particular projects. The first Water Resources Paper series containing sediment data incorporated a selection of these data and also data for part of the year ending September 30, 1961, at stations established for the continuing program. The second issue was a biennial publication covering only the continuing program for the 1962 and 1963 water years. All subsequent editions titled *Sediment Data Canadian Rivers* have been published annually. The sediment data since 1978 have been presented entirely in the International System of Units (SI).

De 1948 à 1960, on a recueilli des données pour plusieurs cours d'eau des Prairies en prévision de la réalisation de certains projets. La première publication contenant des données sur les sédiments a paru dans la série intitulée *Water Resources Paper*; elle présentait un choix de ces données ainsi que des données recueillies en 1961 avant le 30 septembre à des stations établies pour la réalisation du programme permanent. La deuxième publication a porté sur les données recueillies dans le cadre du programme au cours des années hydrologiques 1962 et 1963. Par la suite, les données ont été publiées annuellement sous le titre *Données sur les sédiments - rivières canadiennes*. Depuis 1978, les données sont exprimées en unités du Système international (SI).

Commencing with 1984, the *Sediment Data* are presented and published in a new format wherein Canada is divided into eight regions. The provinces each represent a separate region except for New Brunswick, Newfoundland, Nova Scotia and Prince Edward Island, which together form the Atlantic Provinces region, and the Yukon and Northwest Territories which make up another. The publications are identified by the province or territories covered and the year in which the data were collected. These data are published annually on a calendar-year basis and the stations are listed alphabetically.

The first edition of a *Sediment Data Reference Index* was published for data to 1972. It contains a tabulation of locations in Canada where sediment data were collected by the Water Survey of Canada. The index has been subdivided alphabetically by province or territory, with sediment survey stations also listed alphabetically. Commencing with the 1978 publication, data are presented in the International System of Units (SI) and will continue to be published biennially. The latest edition supersedes all previous editions because it contains any corrections or additions since the last publication.

The first edition of a new publication series titled *Historical Sediment Data Summary for Canadian Rivers* was produced for data to 1974. This publication contains a summary of historical monthly and annual mean suspended sediment load, and annual extremes of daily suspended sediment concentration and loads and total annual suspended load. Commencing with the 1978 publication, data are presented entirely in the International System of Units (SI). This publication has been discontinued, as much of the information is now included in the new annual *Sediment Data* publication.

METHOD OF TABULATION OF SURFACE WATER DATA

For gauging stations where a systematic record of water level or discharge was obtained during the year under review, the following are given where available:

1. Table of daily water level or discharge;
2. Summary of monthly and annual data;
3. Descriptive information.

1. *The table of daily water level* or *discharge* gives the daily water level in metres or the daily discharge in cubic metres per second at the gauging station.

The following standard symbols are used opposite the daily stage or discharge to which they apply:

A – Manual Gauge – indicates that one or more manual gauge observations per day were obtained and used as the mean for the day for a gauging station equipped with a recording gauge. This symbol is used during open-water periods only.

B – Ice Conditions – indicates that for a gauging station where discharge data are obtained the presence of ice has affected the stage-discharge relationship.

E – Estimated – indicates any estimated data. It indicates that the value was determined by some indirect method such as interpolation, extrapolation, estimation from a graph of observed readings, comparison with other streams or by comparison with meteorological data.

En 1984, la présentation des données a été modifiée. Le Canada a été divisé en huit régions, une région pour chaque province, sauf le Nouveau-Brunswick, Terre-Neuve, la Nouvelle-Écosse et l'Île-du-Prince-Édouard qui, ensemble, forment la région des provinces de l'Atlantique, et les Territoires du Yukon et du Nord-Ouest, qui forment une autre région. Les publications sont nommées selon la région couverte et l'année des données (année civile). Ces publications sont annuelles. Les stations y sont présentées par ordre alphabétique.

Un *Index de référence des données sur les sédiments* est publié. La première édition portait sur les données disponibles jusqu'en 1972. Les emplacements où des données sur les sédiments ont été recueillies au Canada par la Division des relevés hydrologiques y sont présentés sous forme de tableau. L'*Index* est subdivisé selon l'ordre alphabétique par province ou territoire, et les stations de mesure des sédiments sont classées par ordre alphabétique. À partir de 1978, les données sont exprimées en unités du Système international (SI). L'*Index* est publié tous les deux ans; l'édition la plus récente annule toutes les éditions antérieures, car elle renferme toutes les corrections et mises à jour effectuées depuis la dernière parution.

Une autre série de publications a porté le titre *Sommaire chronologique des données sur les sédiments de rivières canadiennes*. La première édition renfermait les données disponibles jusqu'en 1974. Cette série présentait un résumé donnant les moyennes mensuelles et annuelles historiques du débit des sédiments en suspension, les valeurs annuelles extrêmes de la concentration journalière et du débit journalier des sédiments en suspension et le débit annuel total des sédiments en suspension. À partir de 1978, les données ont été présentées en unités du Système international (SI). Cette série a été abandonnée, car une bonne partie de l'information est maintenant contenue dans la nouvelle publication annuelle intitulée *Données sur les sédiments*.

PRÉSENTATION SOUS FORME DE TABLEAUX DES DONNÉES SUR LES EAUX DE SURFACE

Pour les stations de jaugeage où on a effectué, au cours de l'année étudiée, un relevé systématique du débit ou du niveau, les données suivantes sont présentées, pour autant qu'elles soient disponibles:

1. un tableau du niveau ou du débit quotidien;
2. un extrait des données mensuelles et annuelles;
3. des renseignements descriptifs.

1. *Le tableau du niveau* ou *du débit quotidien* donne la hauteur des eaux, en mètres ou le débit, en mètres cubes par seconde, mesuré à la station de jaugeage.

Les symboles normalisés donnés ci-après sont inscrits à côté des valeurs auxquelles ils se rapportent:

A – Jauge manuelle – indique qu'on a effectué à une station de jaugeage dotée d'une jauge enregistreuse au moins une observation par jour à l'aide d'une jauge manuelle et qu'on s'en est servi comme moyenne pour la journée en question. Le symbole n'est employé qu'au cours de périodes d'eau libre.

B – Glaces – indique, pour les données portant sur le débit, que la présence de glaces à la station de jaugeage a faussé la relation hauteur-débit.

E – Estimatives – indique une donnée estimative, c'est-à-dire qu'on a déterminé la valeur de façon indirecte, par exemple par interpolation, extrapolation, à l'aide de graphique, ou par comparaison avec d'autres cours d'eau ou avec des données météorologiques.

2. *A summary of monthly and annual data* is given below the table of daily data.

For stations where only water level data are obtained, both a monthly and annual summary are given.

The monthly summary gives:
(a) the mean water level in metres for complete months;
(b) the maximum and minimum daily water level in metres.

The summary for the year gives:
(a) the mean water level in metres for complete years;
(b) the maximum and minimum daily water levels and their dates of first occurrence where applicable;
(c) the maximum instantaneous water level and the time of occurrence where available.

For stations where discharge data are collected, both a monthly and annual summary are given.

The monthly summary gives:
(a) the total of the daily discharge values for complete months;
(b) the mean discharge in cubic metres per second;
(c) the total discharge in cubic decametres;
(d) the maximum and minimum daily discharges in cubic metres per second.

The summary for the year or period gives:
(a) the mean discharge in cubic metres per second;
(b) the total discharge in cubic decametres;
(c) the maximum and minimum daily discharges and their dates of first occurrence;
(d) the maximum instantaneous discharge and the time of occurrence, where available.

3. *The descriptive information* about the gauging station is also given below the table of daily data and will indicate the following where applicable:

International Gauging Stations – on waters adjacent to the international boundary, certain gauging stations have been designated as "International" and records are approved jointly. Differences between figures published herein and corresponding figures in United States Water Supply Papers are due to variations in automated data processing techniques.

Type of Gauge – refers to the installation or method used to obtain water level or discharge data:

(a) Manual – a non-recording type of gauge from which observations of stage normally are obtained once daily.
(b) Recording – a water-stage recorder from which continuous water levels are obtained on an analog chart. For most International Gauging Stations located in the United States, water level records are obtained utilizing a digital recorder.
(c) Power Plant Rating – this indicates that records were obtained using the latest available rating of the Power Plant.

2. *Un extrait des données mensuelles et annuelles* est donné au-dessous du tableau des données quotidiennes.

Les extraits mensuels et annuels sont présentés dans le cas des stations où on n'a mesuré que le niveau.

L'extrait mensuel donne:
(a) le niveau moyen en mètres pour le mois entier, et
(b) les niveaux quotidiens maximal et minimal en mètres.

L'extrait annuel donne:
(a) le niveau moyen en mètres pour l'année entière;
(b) les niveaux quotidiens maximal et minimal ainsi que les dates de leur première observation, s'il y a lieu, et
(c) le niveau maximal instantané et l'heure de l'observation, s'il y a lieu.

Les extraits mensuels et annuels sont présentés dans le cas des stations où on n'a mesuré que le débit.

L'extrait mensuel donne:
(a) le total des valeurs quotidiennes du débit, pour le mois entier;
(b) le débit moyen en mètres cubes par seconde;
(c) le débit total en décamètres cubes, et
(d) les débits quotidiens maximal et minimal en mètres cubes par seconde.

L'extrait annuel ou périodique donne:
(a) le débit moyen en mètres cubes par seconde;
(b) le débit total en décamètres cubes;
(c) les débits quotidiens maximal et minimal ainsi que les dates de première observation, s'il y a lieu, et
(d) le débit maximal instantané et l'heure de l'observation, s'il y a lieu.

3. *Les renseignements descriptifs* sur les stations de jaugeage sont également présentés sous le tableau des données quotidiennes et apportent les précisions qui suivent, s'il y a lieu:

Stations internationales de jaugeage (International Gauging Stations) – Dans les eaux contiguës aux frontières, on a désigné certaines stations comme «internationales», et les données prélevées sont approuvées par les pays concernés. Les différences entre les chiffres publiés dans la présente publication et les *United States Water Supply Papers* proviennent de variantes dans les techniques de traitement automatique des données.

Type de jauge (Type of Gauge) – Il s'agit des jauges ou des méthodes de jaugeage utilisées pour obtenir les données sur le niveau et le débit d'un cours d'eau:

(a) Manuelle (Manual) – indique qu'un appareil non enregistreur sert à obtenir une fois par jour les données sur le niveau et le débit d'un cours d'eau.
(b) Enregistreuse (Recording) – indique qu'un limnigraphe permet de mesurer de façon continue le niveau des eaux tracé sur une carte analogique. La plupart des stations internationales de jaugeage des États-Unis obtiennent les données sur le niveau des eaux à l'aide d'un enregistreur numérique.
(c) Régime des stations hydrauliques (Power Plant Rating) – indique qu'on a obtenu les données grâce aux valeurs les plus récentes des régimes mesurés dans les stations hydrauliques.

Location – the latitude and longitude co-ordinates of the location of the gauge are given. For stations where the gauge is located an appreciable distance from the discharge measurement section, these co-ordinates give the location of the discharge measurement section.

Drainage Area – this is the latest available drainage area and refers to that area enclosed by a topographic divide such that direct surface runoff from precipitation would drain by gravity into the stream upstream from the location of the station. For a gauging station on a lake, this refers to the total drainage area at the outlet of the lake.

Contributed Data – if data were supplied in their entirety by an outside agency, the name of the co-operating agency is given.

Natural Flow or *Regulated* – where the flow is known to be natural, this is indicated. The flow of water in many river systems is affected by upstream regulation. In some cases, the extent of this regulation is not known and therefore is not indicated. However, where the regulation is known to be "appreciable", this is indicated as well as the year that the regulation began, if known.

Gauge Datum – for stations where only water level data are available, the name of the datum, to which water levels are referred, is given as well as an equation to convert to another datum if applicable. Detailed information on the description of the bench marks to which water levels are referred is available from the appropriate Regional Chief.

Remarks – unusual conditions which occur at a station are explained.

REVISIONS

A number of corrections or revisions have been made to previously published data. Many of these were required because of typographical or computational errors which were exposed when daily discharges were stored on magnetic tape and monthly means were re-calculated by computer. Other errors were discovered or different interpretations of basic data were made during the systematic review of historical streamflow data presently underway, for example, these revisions may have been justified because a more reliable stage-discharge relationship had been developed.

Revisions to daily discharges or daily water levels are not published at present. However, those stations where a systematic review has been conducted are identified in the Surface Water Data Reference Index publication. The Historical Streamflow Summary publications contain revisions to monthly and annual mean discharges, and annual extremes of discharge. The Historical Water Levels Summary publications contain revisions to monthly and annual mean water levels, and annual extremes of water level. Recent revisions, corrections or additions made to the historical discharges and water levels are indicated by an "R" symbol in the summary publications. This "R" symbol is deleted from the data bank after publication of the summaries. Detailed information on revisions to historical data is available from the appropriate Regional Chief.

Emplacement (Location) – La latitude et la longitude de la station de jaugeage sont indiquées. Dans les cas où l'équipement de mesure est situé à un endroit éloigné de la section où le jaugeage est effectué, on indique les coordonnées de cette section.

Superficie du bassin versant (Drainage Area) – Il s'agit de la superficie du bassin versant déterminée d'après les cartes les plus récentes et désigne la zone délimitée par une ligne de partage des eaux de sorte que l'écoulement d'averse est entraîné par gravité vers le cours d'eau en amont de la station. S'il s'agit d'une station située sur un lac, elle représente la superficie totale jusqu'à l'émissaire du lac.

Données fournies (Contributed Data) – Nom de l'organisme extérieur qui a fourni les données.

Débit naturel ou *régularisé* (Natural Flow or Regulated) – Un débit reconnu comme naturel est indiqué comme tel. Le débit de plusieurs réseaux hydrographiques est modifié par une régularisation qui est effectuée en amont. Il arrive parfois que l'importance de cette régularisation ne soit pas connue, et elle n'est donc pas indiquée. Cependent, quand on sait que la régularisation est d'une certaine importance, on l'indique ainsi que l'année où elle a débuté (si elle est connue).

Plan de référence des jauges (Gauge Datum) – Pour les stations dans lesquelles on ne mesure que le niveau de l'eau, on indique le plan de référence de la jauge en question et l'équation permettant, au besoin, de convertir ce plan en un autre plan. En s'adressant au chef régional concerné, on peut obtenir des renseignements plus précis au sujet des niveaux de référence auxquels correspondent les niveaux mesurés.

Remarques (Remarks) – Les conditions inhabituelles qui prévalent à une station sont expliquées.

RÉVISIONS

On a corrigé ou révisé beaucoup de données déjà publiées. Il a été nécessaire d'effectuer plusieurs corrections, car on a relevé des erreurs typographiques ou de calculs lorsqu'on a enregistré les débits quotidiens sur rubans magnétiques et qu'on a recalculé à l'aide d'ordinateurs les moyennes mensuelles. On a aussi relevé d'autres erreurs ou fait des interprétations différentes de données de base au cours de la révision rétrospective systématique des données de débit qu'on est à faire en ce moment. Ainsi, on peut justifier des corrections, par le fait qu'on ait trouvé une relation hauteur-débit plus sûre.

Les corrections apportées aux débits quotidiens ou aux niveaux d'eau quotidiens ne sont pas publiées, du moins pour le moment. Cependant, les stations où on a effectué une révision systématique sont identifiées dans l'*Index de référence des données sur les eaux de surface*. Les publications intitulées *Sommaire chronologique de l'écoulement* contiennent des données sur les moyennes mensuelles et annuelles des débits et sur les extrêmes annuels des débits qu'on a révisées. Les publications intitulées *Sommaire chronologique des niveaux d'eau* renferment les révisions apportées aux niveaux moyens mensuels et annuels ainsi que les extrêmes annuels. Les révisions et corrections apportées récemment aux débits chronologiques et aux niveaux d'eau sont accompagnées du symbole «R» dans les publications sommaires. Ce symbole «R» est omis de la banque de données après la publication des sommaires. On peut obtenir plus de détails sur les révisions en s'adressant au chef regional concerné.

ACCURACY OF HYDROMETRIC DATA

The overall accuracy or the degree of reliability of hydrometric data referred to herein, depends upon

(1) The type of gauge, stability of gauge, accuracy of observation of stage and measurement of reference datum,

(2) The stability of the stage-discharge relationship; or if the control is unstable, the frequency and accuracy of discharge measurements, and

(3) The computation procedures and interpretation of records.

Because of all these variable factors, the number of significant figures used herein has been standardized for uniformity of presentation and does not reflect the degree of accuracy of the data. The Water Resources Branch standard for storing water level data is to three decimal points (0.001 m), although some contributing agencies provide data to two decimal points (0.01 m).

A measure of the reliability of the records can be made by an examination of the distribution of the symbols A, E and B (for discharge data).

In general, data collected during open-water periods are more reliable than those collected during periods of ice conditions or those obtained by estimation. Further, water level data collected utilizing a water-stage recorder are more reliable and accurate than those using a manual gauge only, especially for small or flashy streams.

MICROFICHE

All published daily discharge, water level and sediment data are available in metric units on microfiche, upon request. The data are stored in station number order by province. There are 270 frames per microfiche at 48X reduction; there is a visible heading showing the fiche number, type of data, province, beginning and ending station number and year of data, and the month/year the fiche was created. The last frame is an index of the contents of that fiche.

EXACTITUDE DES DONNEES HYDROMETRIQUES

La précision totale ou le degré d'exactitude des données hydrométriques dont on parle ici sont basés sur

(1) Le type de jauge, la stabilité de la gauge, la précision des observations sur les niveaux et de la mesure de la donnée de référence,

(2) La stabilité de la relation hauteur-débit ou, si l'élément régulateur est changeant, sur la fréquence et la précision des mesures de débits, et

(3) L'évaluation des procédés et l'interprétation des chiffres.

A cause de toutes les variables déjà mentionnées, on a normalisé pour des fins d'uniformité de présentation le nombre de chiffres significatifs, mais ceci ne réflète pas le degré d'exactitude des données. Dans la Direction des ressources en eau, les normes de cueillette des données sur le niveau des eaux sont de l'ordre de trois décimales (0.001 m), alors que certains organismes dans ce domaine n'exigent que deux décimales (0.01 m).

L exactitude des données peut être appréciée par l'examen de la répartition des symboles A, E et B (pour les données de débits).

En général, les données recueillies au cours des périodes d'eau libre sont plus sûres que celles qui sont obtenues au cours des périodes de glaces ou par estimation. De plus, les données sur le niveau des eaux qui sont mesurées à l'aide d'un limnigraphe sont plus certaines et plus exactes que celles qui sont mesurées à l'aide d'une jauge manuelle seulement, surtout dans le cas de petits cours d'eau ou de cours d'eau à crues très rapides.

MICROFICHE

Toutes les données publiées concernant les débits quotidiens, les niveaux d'eau et les sédiments sont disponibles sur microfiche en unités métriques aux usagers qui en font la demande. Ces données sont emmagasinées par ordre de numéro de station et par province. Chaque microfiche renferme 270 pages réduites de 48X. L'en-tête indique le numéro de la fiche, le genre de données, la province, le numéro de la première et de la dernière station, celui de la première et de la dernière année de cueillette ainsi que le mois et l'année de préparation de la fiche. La dernière image donne l'index du contenu de la fiche.

NEWFOUNDLAND AND LABRADOR

ALEXIS RIVER NEAR PORT HOPE SIMPSON - STATION NO. 030C003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.858	4.888	4.238	5.008	152	108	20.2	13.4	8.34	37.4	48.0	73.3	1
2	5.808	4.868	4.218	5.808	195	110	25.3	12.7	10.8	97.7	40.0	75.3	2
3	5.788	4.838	4.188	5.808	173	94.1	25.8	12.6	25.0	83.2	38.8	68.8	3
4	5.728	4.808	4.178	5.808	151	76.5	23.5	11.9	33.0	113	32.0	58.6	4
5	5.898	4.778	4.158	5.808	135	66.8	22.4	18.1	33.1	138	30.5	35.9	5
6	5.868	4.748	4.138	11.3 B	178	57.0	21.4	27.7	32.5	111	30.8	34.9	6
7	5.838	4.718	4.118	10.9 B	323	54.1	20.3	22.4	27.7	88.8	37.4	36.8	7
8	5.808	4.888	4.088	10.4 B	463	53.8	19.1	22.1	23.5	69.1	34.58	34.9	8
9	5.578	4.678	4.068	10.0 B	497	50.2	18.2	18.5	20.9	58.3	31.18	37.9	9
10	5.548	4.858	4.078	9.708	388	45.8	17.3	15.4	19.8	48.0	27.08	43.2	10
11	5.508	4.638	4.068	9.308	345	88.0	17.1	13.8	17.7	40.5	25.48	42.4	11
12	5.478	4.618	4.068	8.808	293	80.2	21.1E	12.8	16.3	38.0	23.28	42.1	12
13	5.448	4.588	4.028	8.608	238	76.8	26.2E	12.0	15.7	31.3	21.88	40.08	13
14	5.418	4.568	4.028	8.308	208	71.3	28.8	11.2	14.4	28.7	20.18	37.88	14
15	5.388	4.548	4.018	8.008	217	80.0	28.3	11.2	13.9	28.5	19.08	36.08	15
16	5.358	4.528	4.058	7.708	202 E	48.7	23.8	10.8	14.6	27.3	17.88	34.58	16
17	5.328	4.508	4.108	7.408	185 E	45.5	19.8	9.83	15.7	26.3	17.08	33.08	17
18	5.298	4.488	4.208	7.808	172	40.8	18.3	9.50	16.3	32.8	21.08	31.58	18
19	5.268	4.468	4.358	10.0 B	145	37.2	15.7	9.77	15.9	42.3	26.08	30.28	19
20	5.238	4.448	4.508	29.0 B	107	33.1	15.5	9.55	15.1	42.5	31.58	29.58	20
21	5.208	4.418	4.808	76.0 B	82.7	33.8	14.4	10.6	14.0	38.8	40.3	28.78	21
22	5.178	4.398	5.008	117 B	89.3	32.7	13.5	15.9	13.5	34.1	78.7	27.88	22
23	5.148	4.378	5.258	112 B	102	28.5	12.6	15.5	12.3	35.1	100	26.88	23
24	5.118	4.358	5.458	283	82.8	28.3	11.7	13.5	11.7	30.3	101	26.08	24
25	5.088	4.328	5.608	281	84.0	26.3	11.4	11.8	16.4	29.0	89.4	25.38	25
26	5.058	4.298	5.458	253	87.2	24.4	12.9	10.9	15.1	39.5	75.3	24.78	26
27	5.028	4.278	5.288	203	84.4	23.4	12.9	9.98	13.5	40.4	74.2	24.18	27
28	4.998	4.258	5.158	171	79.3	21.7	15.4	9.12	12.2	47.8	74.4	23.58	28
29	4.968		5.008	154	88.5E	20.8	18.6	9.34	11.5	45.2	71.9	23.08	29
30	4.948		4.928	155	101	20.5	19.4	9.82	11.7	51.2	74.0	22.68	30
31	4.928		4.858		88.9		21.4	10.1		57.8		22.18	31
TOTAL	166.05	127.56	139.55	1 999.30	5 814.2	1 537.0	584.4	413.01	523.14	1 626.0	1 381.3	1 130.3	TOTAL
MEAN	5.36	4.56	4.50	66.6	188	51.2	19.2	13.3	17.4	52.5	45.4	36.5	MEAN
MAX	5.85	4.85	5.60	283	497	110	28.8	27.7	33.1	139	101	75.3	MAX
MIN	4.82	4.25	4.01	5.00	79.3	20.5	11.4	9.12	9.34	26.3	17.0	22.1	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 42.3
MAXIMUM DAILY, 497 ON MAY 9
MINIMUM DAILY, 4.018 ON MAR 15
MAXIMUM INSTANTANEOUS,
566 ON MAY 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 38 57 N
LONG 56 52 17 W
DRAINAGE AREA 2 310 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	14 300	JUL	51 400
FEB	11 000	AUG	35 700
MAR	12 100	SEP	45 200
APR	173 000	OCT	140 000
MAY	502 000	NOV	118 000
JUN	133 000	DEC	97 700

TOTAL DISCHARGE 1 330 000 dam³

ASHUANIPI RIVER AT MENIHEK RAPIDS - STATION NO. 030A001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	92.0	96.6	99.7	80.1	614	716	386	824	575	314	498	293	1
2	92.9	94.9	98.0	81.0	739	722	386	827	572	320	96.6	288	2
3	94.3	95.7	98.3	281	733	722	386	824	565	331	87.4	286	3
4	92.0	94.8	94.0	281	725	722	386	824	600	331	58.0	286	4
5	91.2	98.3	93.2	277	587	722	389	801	575	331	56.3	283	5
6	85.1	97.1	94.0	278	586	592	386	807	575	331	354	284	6
7	86.0	95.4	89.7	278	467	582	388	801	575	334	362	284	7
8	83.4	95.7	94.0	280	488	595	389	783	575	314	357	282	8
9	86.8	98.0	95.7	278	728	601	402	784	574	320	357	282	9
10	88.8	100	101	278	733	610	402	773	575	323	354	284	10
11	84.3	100	101	278	742	610	402	758	575	323	357	287	11
12	83.4	108	84.3	281	943	613	389	782	575	326	357	284	12
13	80.8	97.7	80.3	281	951	613	389	756	572	323	354	289	13
14	86.8	96.3	90.8	278	948	613	402	745	575	326	354	294	14
15	83.7	92.3	90.0	278	948	613	402	470	575	326	282	287	15
16	88.0	100	90.8	280	951	385	413	473	575	507	282	287	16
17	88.8	97.4	82.8	278	954	394	422	473	572	498	288	287	17
18	88.3	104	89.8	271	980	396	426	478	575	498	288	287	18
19	88.3	84.0	89.8	271	980	394	683	478	575	498	288	287	19
20	87.7	87.4	88.8	418	983	396	683	804	572	498	292	287	20
21	98.8	98.8	85.0	418	1 030	398	688	478	572	498	289	283	21
22	98.0	97.7	80.3	428	1 030	394	838	481	572	498	288	193	22
23	95.4	93.2	83.5	517	1 030	394	838	481	572	504	292	193	23
24	95.7	93.2	80.4	523	897	396	838	484	575	501	292	195	24
25	94.9	87.5	78.3	523	844	396	827	484	584	501	289	193	25
26	99.1	89.5	83.3	1 010	835	394	827	572	584	498	292	195	26
27	98.0	88.8	80.1	1 000	818	398	810	572	480	498	287	195	27
28	94.9	86.7	83.0	981	711	398	824	572	473	498	292	193	28
29	95.7		85.2	977	714	398	821	572	458	483	283	197	29
30	95.4		83.0	954	719	398	824	572	323	498	292	201	30
31	95.4		81.3		716		821	572		498		203	31
TOTAL	2 443.4	2 663.9	2 788.8	13 538.1	25 170	14 690	17 521	18 783	16 638	12 648	8 588.3	8 104	TOTAL
MEAN	78.8	95.9	90.3	451	812	498	565	638	554	414	288	261	MEAN
MAX	99.1	108	101	1 010	1 030	722	838	827	600	507	498	297	MAX
MIN	80.8	86.7	78.3	80.1	467	385	386	470	323	314	56.6	193	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 397
MAXIMUM DAILY, 1 030 ON MAY 21
MINIMUM DAILY, 56.6 ON NOV 2

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 54 27 18 N
LONG 66 37 30 W
DRAINAGE AREA, 19 000 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	211 000	JUL	1 510 000
FEB	232 000	AUG	1 710 000
MAR	242 000	SEP	1 440 000
APR	1 170 000	OCT	1 110 000
MAY	2 170 000	NOV	742 000
JUN	1 290 000	DEC	700 000

TOTAL DISCHARGE, 12 500 000 dam³

DATA CONTRIBUTED BY -
IRON ORE COMPANY OF CANADA LIMITED

REGULATED

NEWFOUNDLAND AND LABRADOR

ATIKONAK RIVER AT GABBRO LAKE - STATION NO. 030C006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	205	142	806	438	588	845	522	844	135	551	488	438	1
2	205	142	787	438	806	845	527	854	135	487	488	438	2
3	205	142	770	534	806	845	532	854	135	488	488	438	3
4	205	142	753	581	806	835	532	854	137	488	487	438	4
5	205	142	742	554	817	835	532	849	138	488	488	438	5
6	305	142	719	567	828	825	527	569	139	854	488	438	6
7	205	142	706	536	828	825	522	367	137	801	518	438	7
8	205	142	691	531	844	814	527	258	137	798	595	438	8
9	205	142	674	513	883	804	505	261	138	758	591	438	9
10	205	142	663	504	854	804	522	263	139	890	568	438	10
11	205	185	648	487	881	784	522	383	140	595	473	438	11
12	180	205	635	478	872	784	522	288	142	484	438	438	12
13	142	237	618	471	708	774	577	271	142	484	362	438	13
14	142	287	608	483	726	774	522	273	142	487	328	438	14
15	142	306	597	483	726	592	522	278	142	481	326	438	15
16	142	325	580	485	763	488	511	278	142	387	326	438	16
17	142	422	569	485	774	485	527	277	142	388	331	387	17
18	142	494	559	485	774	511	511	276	142	488	332	387	18
19	142	542	549	485	784	500	511	278	142	487	328	387	19
20	142	615	536	479	804	505	522	280	142	487	333	387	20
21	142	641	527	467	814	520	527	280	142	488	440	387	21
22	142	641	518	504	784	520	522	283	142	487	509	387	22
23	142	625	505	530	814	527	527	283	142	488	544	387	23
24	142	590	495	530	835	433	527	284	142	488	544	387	24
25	142	567	484	538	825	527	522	285	142	548	597	387	25
26	142	555	473	555	835	532	527	285	181	588	583	388	26
27	142	538	463	564	835	536	543	211	238	588	588	288	27
28	142	521	458	590	825	538	527	133	388	587	535	295	28
29	142		418	590	838	536	532	134	488	586	486	277	29
30	142		443	808	845	532	543	134	593	498	445	236	30
31	142		438		845		543	135		488		177	31
TOTAL	5 113	11 396	18 430	15 288	22 737	19 890	18 335	9 672	5 370	17 000	14 338	11 842	TOTAL
MEAN	165	407	595	510	733	856	527	312	179	548	478	382	MEAN
MAX	205	890	804	808	845	845	577	869	593	801	844	438	MAX
MIN	142	142	418	428	588	433	505	133	135	387	326	177	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 466
MAXIMUM DAILY, 890 ON FEB 24
MINIMUM DAILY, 133 ON AUG 28

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 53 46 20 N
LONG 65 23 47 W
DRAINAGE AREA, 21 400 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	442 000	JUL	1 410 000
FEB	985 000	AUG	838 000
MAR	1 590 000	SEP	484 000
APR	1 320 000	OCT	1 470 000
MAY	1 960 000	NOV	1 240 000
JUN	1 700 000	DEC	1 020 000

TOTAL DISCHARGE, 14 400 000 dam³

DATA CONTRIBUTED BY -
CHURCHILL FALLS (LABRADOR) CORPORATION LIMITED

REGULATED SINCE 1973

ATIKONAK RIVER AT SSSAKMANUAN LAKE CONTROL STRUCTURE - STATION NO. 030D005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	2
3	0	0	0	0	0	0	0	0	0	0	0	0	3
4	0	0	0	0	0	0	0	0	0	0	0	0	4
5	0	0	0	0	0	0	0	0	0	0	0	0	5
6	0	0	0	0	0	0	0	0	0	0	0	0	6
7	0	0	0	0	0	0	0	0	0	0	0	0	7
8	0	0	0	0	0	0	0	0	0	0	0	0	8
9	0	0	0	0	0	0	0	0	0	0	0	0	9
10	0	0	0	0	0	0	0	0	0	0	0	0	10
11	0	0	0	0	0	0	0	0	0	0	0	0	11
12	0	0	0	0	0	0	0	0	0	0	0	0	12
13	0	0	0	0	0	0	0	0	0	0	0	0	13
14	0	0	0	0	0	0	0	0	0	0	0	0	14
15	0	0	0	0	0	0	0	0	0	0	0	0	15
16	0	0	0	0	0	0	0	0	0	0	0	0	16
17	0	0	0	0	0	0	0	0	0	0	0	0	17
18	0	0	0	0	0	0	0	0	0	0	0	0	18
19	0	0	0	0	0	0	0	0	0	0	0	0	19
20	0	0	0	0	0	0	0	0	0	0	0	0	20
21	0	0	0	0	0	0	0	0	0	0	0	0	21
22	0	0	0	0	0	0	0	0	0	0	0	0	22
23	0	0	0	0	0	0	0	0	0	0	0	0	23
24	0	0	0	0	0	0	0	0	0	0	0	0	24
25	0	0	0	0	0	0	0	0	0	0	0	0	25
26	0	0	0	0	0	0	0	0	0	0	0	0	26
27	0	0	0	0	0	0	0	0	0	0	0	0	27
28	0	0	0	0	0	0	0	0	0	0	0	0	28
29	0		0	0	0	0	0	0	0	0	0	0	29
30	0		0	0	0	0	0	0		0		0	30
31	0		0		0		0	0		0		0	31
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	TOTAL
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	MEAN
MAX	0	0	0	0	0	0	0	0	0	0	0	0	MAX
MIN	0	0	0	0	0	0	0	0	0	0	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0
MAXIMUM DAILY 0 ON JAN 1
MINIMUM DAILY 0 ON JAN 1

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 53 26 53 N
LONG 64 46 08 W

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0	JUL	0
FEB	0	AUG	0
MAR	0	SEP	0
APR	0	OCT	0
MAY	0	NOV	0
JUN	0	DEC	0

TOTAL DISCHARGE 0 dam³

DATA CONTRIBUTED BY -
CHURCHILL FALLS (LABRADOR) CORPORATION LIMITED

REGULATED SINCE 1964

BARTLETTS RIVER NEAR ST. ANTHONY - STATION NO 02YA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.4068	0.2388	0.1808	0.8008	4.33	2.87	0.718	0.236	0.081	0.309	2.00	0.5208	1
2	0.3858	0.2068	0.1558	1.35 B	4.73	3.38	0.805	0.301	0.436	0.810	1.57	1.89	2
3	0.3558	0.1838	0.1538	2.30 B	4.39	3.23	0.755	0.308	0.855	0.670	1.28	2.21	3
4	0.3358	0.1808	0.1448	4.15 B	3.81	3.05	0.748	0.301	0.871	0.885	1.14	2.48	4
5	0.3158	0.1698	0.1368	3.70 B	3.38	2.85	0.889	0.314	1.04	0.814	0.970	2.17	5
6	0.2968	0.1568	0.1278	3.00 B	4.32	2.88	0.837	0.312	1.00	1.03	1.89	2.88	6
7	0.2808	0.1478	0.1188	2.80 B	6.45	2.48	0.887	0.304	0.935	1.02	2.78	3.12	7
8	0.2638	0.1388	0.1128	2.12 B	8.86	2.35	0.922	0.282	0.847	0.975	2.46	2.88	8
9	0.2488	0.1808	0.1008	2.50 B	9.04	2.17	0.857	0.277	0.739	0.897	2.08	1.80 B	9
10	0.2358	0.3508	0.0928	3.20 B	7.48	2.14	0.430	0.258	0.841	0.812	1.72	1.50 B	10
11	0.2228	0.6408	0.0858	2.85 B	7.88	2.50	0.412	0.288	0.555	0.743	1.30	1.15 B	11
12	0.2108	0.5508	0.0818	2.25 B	7.73	2.58	0.388	0.280	0.493	0.886	0.929	0.9408	12
13	0.2008	0.4908	0.0788	2.00 B	7.15	2.93	0.518	0.226	0.457	0.588	1.31	0.8208	13
14	0.1928	0.4308	0.0758	1.68 B	7.43	2.86	0.488	0.208	0.411	0.507	1.07	0.7008	14
15	0.1808	0.3808	0.0718	1.46 B	8.85	2.58	0.470	0.193	0.400	0.431	0.9508	0.6308	15
16	0.1728	0.3408	0.0688	1.30 B	11.4	2.13	0.437	0.180	0.381	0.385	0.8508	0.5508	16
17	0.1638	0.3158	0.0808	1.13 B	11.4	1.78	0.398	0.180	0.408	0.352	0.8008	0.5008	17
18	0.1568	0.2908	0.1098	1.02 B	7.75	1.58	0.357	0.184	0.832	0.348	0.7408	0.4508	18
19	0.1488	0.2758	0.1258	2.40 B	5.07	1.38	0.281	0.148	0.848	0.388	0.7008	0.4208	19
20	0.1418	0.2658	0.2208	3.80 B	3.85	1.24	0.258	0.137	0.897	0.388	0.6808	0.3908	20
21	0.1358	0.2338	0.4808	5.00 B	2.77	1.13	0.242	0.127	0.861	0.403	1.88	0.3808	21
22	0.1308	0.2208	0.3908	14.0 B	2.35	0.997	0.208	0.128	0.888	0.538	3.59	0.3368	22
23	0.1288	0.2088	0.3158	11.1 B	2.38	0.900	0.182	0.118	0.802	1.38	4.14	0.3158	23
24	0.8208	0.2508	0.2678	8.00 B	2.38	0.812	0.182	0.111	0.713	1.48	3.75	0.2958	24
25	0.4608	0.2828	0.2258	7.33	2.87	0.756	0.178	0.105	0.615	1.42	3.04	0.2808	25
26	0.4108	0.2608	0.1808	5.84	3.20	0.688	0.178	0.101	0.518	1.88	1.98 B	0.2808	26
27	0.3808	0.2308	0.1728	4.58	3.30	0.822	0.247	0.078	0.488	2.85	1.30 B	0.2438	27
28	0.3308	0.2108	0.2808	3.88	3.08	0.878	0.320	0.078	0.417	2.88	0.8008	0.2308	28
29	0.3008		0.3408	3.02	2.84	0.888	0.308	0.075	0.373	2.24	0.6808	0.2208	29
30	0.2708		0.4408	3.30	2.68	0.849	0.284	0.070	0.342	2.71	0.5808	0.2108	30
31	0.2488		0.6808		2.38		0.258	0.085		2.37		0.2008	31
TOTAL	8.193	7.788	9.987	113.130	185.61	66.921	13.936	5.913	19.221	32.524	48.959	30.558	TOTAL
MEAN	0.264	0.278	0.192	3.77	5.24	1.88	0.417	0.191	0.841	1.05	1.63	0.986	MEAN
MAX	0.620	0.640	0.580	14.0	11.4	3.35	0.805	0.314	1.04	2.85	4.14	3.12	MAX
MIN	0.125	0.135	0.068	0.800	2.35	0.578	0.178	0.085	0.081	0.309	0.580	0.200	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.39
MAXIMUM DAILY, 14.08 ON APR 22
MINIMUM DAILY, 0.081 ON SEP 1

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 26 57 N
LONG 55 36 31 W
DRAINAGE AREA, 33.6 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	706	JUL	1 120
FEB	673	AUG	511
MAR	816	SEP	1 660
APR	9 770	OCT	2 810
MAY	14 300	NOV	4 230
JUN	4 880	DEC	2 640

TOTAL DISCHARGE 43 800 dam³

BAY DU NORD RIVER AT BIG FALLS - STATION NO 022F001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	20.6	33.7	18.48	89.5	78.3	23.2	13.7	5.34	1.53	2.81	40.7	57.1	1
2	19.9	83.2	17.38	106	64.7	22.6	13.3	5.31	1.56	15.4	38.5	83.0	2
3	19.7	53.8	16.48	143	59.4	21.1	12.7	5.06	1.77	13.2	35.7	65.6	3
4	20.3	46.7	15.98	162	56.0	20.2	12.0	4.80	1.55	13.5	35.3	56.6	4
5	20.0	42.08	15.18	173	53.2	19.5	11.8	4.63	1.51	34.7	38.2	51.1	5
6	18.8	38.08	14.48	188	50.8	18.3	12.4	4.37	1.42	23.5	58.5	90.0	6
7	18.4	33.08	13.88	184	48.1	17.7	11.8	4.05	1.37	15.4	59.8	77.5	7
8	32.5	30.08	13.68	182	47.1	17.3	11.3	3.93	1.57	13.0	50.8	71.8	8
9	33.6	27.98	13.18	183	46.4	16.6	10.7	3.65	1.78	13.1	48.3	67.3	9
10	24.6	26.48	12.88	187	48.9	16.5	10.3	3.38	1.70	13.4	47.8	63.3	10
11	22.5	80.7	12.48	148	58.1	18.9	9.90	3.31	1.50	12.8	47.2	61.8	11
12	23.8	57.1	12.08	138	54.7	17.7	9.53	3.18	1.40	12.5	51.5	60.3	12
13	24.0	51.88	11.88	128	51.8	36.1	9.20	3.11	1.39	12.5	70.3	59.9	13
14	23.08	47.88	11.58	118	50.1	30.3	8.92	2.92	1.20	12.1	80.8	57.7	14
15	21.28	43.58	11.58	130	48.2	23.7	8.61	2.71	1.78	11.3	55.4	55.4	15
16	20.08	39.88	15.08	127	46.7	22.4	8.27	2.61	2.61	10.7	52.3	51.3	16
17	18.78	36.78	19.28	114	52.3	20.5	8.25	2.62	2.63	10.2	47.8	48.2	17
18	17.88	33.88	24.08	108	51.0	19.8	7.88	2.37	4.30	10.0	47.5	38.2	18
19	17.28	30.88	36.58	103	48.5	18.6	7.36	2.24	3.92	10.1	50.2	31.6	19
20	16.88	28.28	83.4	100	43.3	17.9	7.33	2.18	3.19	10.2	48.7	29.08	20
21	16.48	26.08	83.6	93.3	40.3	17.4	6.81	2.14	2.68	9.84	81.2	27.68	21
22	16.28	23.88	86.6	86.4	38.1	16.5	6.31	3.37	2.28	11.0	101	25.48	22
23	16.08	22.08	87.6	82.4	36.6	15.8	6.03	2.14	2.03	15.1	81.1	24.28	23
24	31.3	20.08	80.7	74.7	35.5	15.8	5.73	2.58	1.96	13.5	74.5	23.18	24
25	29.7	35.28	66.2	70.5	33.5	15.3	5.70	2.46	1.87	12.4	72.2	22.18	25
26	25.9	24.08	71.6	65.8	31.3	15.2	5.45	2.23	1.78	22.0	88.2	21.18	26
27	24.18	22.88	76.4	61.2	29.5	15.1	5.30	2.20	2.03	23.1	85.0	20.38	27
28	22.38	21.08	67.2	58.6	27.6	14.3	5.43	2.20	2.58	17.8	80.7	19.88	28
29	20.88		60.5	52.7	26.6	15.1	5.30	1.91	2.54	15.8	58.4	19.38	29
30	19.88		66.1	76.4	25.6	14.6	5.49	1.83	2.41	66.6	52.3	18.78	30
31	19.28		67.1		24.5		5.88	1.79		39.1		18.48	31
TOTAL	574.6	1 009.8	1 226.7	3 433.6	1 404.4	575.8	257.96	95.22	82.08	517.55	1 898.1	1 429.2	TOTAL
MEAN	21.6	36.1	39.6	114	45.3	19.2	8.64	3.07	2.07	16.7	66.6	46.1	MEAN
MAX	32.5	83.2	90.5	182	78.3	36.1	13.7	5.34	4.30	66.6	101	90.0	MAX
MIN	16.0	20.0	11.5	52.7	24.5	14.3	5.30	1.79	1.20	2.81	35.7	18.4	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 33.8
MAXIMUM DAILY, 182 ON APR 4
MINIMUM DAILY, 1.20 ON SEP 14
MAXIMUM INSTANTANEOUS,
186 AT 09:32 NST ON APR 4

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 44 48 N
LONG 55 26 30 W
DRAINAGE AREA, 1 170 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	58 300	JUL	23 200
FEB	87 200	AUG	8 230
MAR	106 000	SEP	5 360
APR	288 000	OCT	44 700
MAY	131 000	NOV	147 000
JUN	48 600	DEC	123 000

TOTAL DISCHARGE, 1 070 000 dam³

NEWFOUNDLAND AND LABRADOR

BIG BROOK AT LEAD COVE - STATION NO. 02ZL005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.185	0.400A	0.1705	0.872	0.601	0.122	0.057	0.027	0.023	0.273	0.578	0.254	1
2	0.150	0.729	0.1408	1.21	0.886	0.123	0.048	0.033	0.040	0.333	0.577	0.893	2
3	0.148	1.15	0.1248	2.26	0.638	0.109	0.045	0.022	0.041	0.280	0.550	0.777	3
4	0.154	0.800A	0.1108	2.83	0.567	0.131	0.047	0.028	0.038	0.327	0.494	0.738	4
5	0.167	0.350E	0.0988	2.14	0.478	0.120	0.052	0.038	0.047	0.351	0.428	0.888	5
6	0.197	0.250E	0.0908	1.84	0.412	0.118	0.051	0.030	0.044	0.307	0.458	0.898	6
7	0.185	0.200E	0.0818	1.84	0.373	0.108	0.052	0.018	0.046	0.288	0.573	0.818	7
8	0.188	0.150E	0.0748	1.85	0.336	0.100	0.052	0.017	0.048	0.274	0.570	0.716	8
9	0.208	0.130E	0.0688	2.39	0.348	0.098	0.071	0.012	0.052	0.301	0.476	0.683	9
10	0.178	0.112E	0.0638	2.77	0.418	0.128	0.088	0.012	0.051	0.295	0.447	0.648	10
11	0.165	0.200E	0.0588	1.73	0.550	0.138	0.065	0.011	0.045	0.288	0.414	0.674	11
12	0.226	0.180E	0.0548	1.21	0.543	0.160	0.064	0.012	0.045	0.259	0.442	0.681	12
13	0.281	0.145E	0.0508	0.885	0.472	0.141	0.057	0.011	0.047	0.233	0.918	0.672	13
14	0.279	0.130E	0.0478	0.715	0.366	0.117	0.053	0.004E	0.050	0.210	0.868	0.826	14
15	0.237	0.118E	0.0448	0.633	0.320	0.119	0.054	0.008E	0.058	0.185	0.778	0.818	15
16	0.204	0.107E	0.130A	0.859	0.383	0.121	0.068	0.010	0.056	0.173	0.663	0.585	16
17	0.1808	0.0978	0.734	0.875	0.389	0.123	0.043	0.013	0.056	0.164	0.568	0.517	17
18	0.1688	0.0918	1.04	0.786	0.281	0.125	0.038	0.011	0.212	0.148	0.518	0.435	18
19	0.1508	0.0858	1.89	1.08	0.278	0.112	0.038	0.018	0.826	0.131	0.490	0.3508	19
20	0.1388	0.0808	2.65	1.94	0.266	0.112	0.028	0.014	0.905	0.132	0.489	0.2858	20
21	0.1308	0.0768	2.73	1.46	0.240	0.102	0.025	0.012	0.889	0.140	0.488	0.2568	21
22	0.1248	0.0728	2.35	1.13	0.242	0.096	0.018	0.010	0.574	0.182	0.415	0.2338	22
23	0.1198	0.0708	1.68	1.12	0.318	0.087	0.017	0.018	0.499	0.170	0.436	0.2128	23
24	0.2508	0.1258	1.67	0.820	0.330	0.083	0.018	0.024	0.402	0.184	0.428	0.1928	24
25	0.8408	0.2008	1.61	0.787	0.314	0.071	0.014	0.019	0.330	0.215	0.378	0.1778	25
26	0.850E	0.280E	1.18	0.858	0.188	0.071	0.013	0.018	0.281	0.288	0.332	0.1628	26
27	0.440E	0.260E	0.950	0.870	0.167	0.069	0.018	0.018	0.300	0.387	0.313	0.1528	27
28	0.330E	0.212E	0.939	0.684	0.143A	0.075	0.020	0.022	0.313	0.481	0.281	0.1438	28
29	0.250E		1.28	0.444	0.129	0.076	0.021	0.021	0.318	0.428	0.267	0.1388	29
30	0.205E		1.25	0.457	0.133	0.085	0.018	0.024	0.284	0.490	0.238	0.185	30
31	0.180E		1.04		0.130		0.023	0.023		0.550		0.178	31
TOTAL	7.228	8.577	34.505	38.084	10.526	3.206	1.270	0.821	8.784	8.408	14.802	13.282	TOTAL
MEAN	0.233	0.236	0.780	1.27	0.340	0.107	0.041	0.017	0.226	0.271	0.493	0.428	MEAN
MAX	0.840	1.15	2.73	2.77	0.886	0.141	0.071	0.028	0.905	0.550	0.956	0.918	MAX
MIN	0.115	0.070	0.044	0.444	0.129	0.055	0.013	0.004	0.023	0.131	0.228	0.139	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0.370
MAXIMUM DAILY 2.77 ON APR 10
MINIMUM DAILY 0.0048 ON AUG 14
MAXIMUM INSTANTANEOUS
3.21 AT 02 51 NST ON APR 10

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 02 34 N
LONG 53 05 00 W
DRAINAGE AREA 11.2 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	824	JUL	110
FEB	968	AUG	45.0
MAR	2 120	SEP	884
APR	3 280	OCT	728
MAY	909	NOV	1 280
JUN	297	DEC	1 150

TOTAL DISCHARGE, 11 700 dam³

REMARKS THE "E" FOR DISCHARGES BELOW 0.010 m³/s IS DUE TO STAGE DISCHARGE CURVE EXTENSION

BLANCHE BROOK NEAR STEPHENVILLE - STATION NO. 02YJ002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.9208	0.7008	0.1388	5.11	5.48	1.34	3.01	3.83	1.02	4.19	13.9	1.93	1
2	0.8508	1.00 B	0.1288	23.5	4.11	1.18	1.59	2.77	33.9	23.9	8.11	3.19	2
3	0.7808	1.50 B	0.1208	32.8	3.95	1.05	1.23	1.12	18.5	11.5	5.67	3.85	3
4	0.7358	1.15 B	0.1138	19.5	3.66	0.817	0.941	0.711	6.58	10.0	5.08	2.87	4
5	0.6808	0.9008	0.1078	18.3	3.42	0.740	0.718	0.598	7.50	21.0	4.18	2.83	5
6	0.8438	0.7008	0.1028	17.4	3.83	0.651	0.622	0.552	4.78	13.1	13.8	8.20	6
7	0.8008	0.5408	0.0988	14.9	8.10	1.20	0.618	0.449	3.71	7.75	10.8	6.47	7
8	1.56 B	0.4208	0.0938	18.5	9.02	1.80	0.646	0.398	7.38	5.16	8.82	4.58	8
9	1.40 B	0.3508	0.0888	17.0	6.72	1.33	0.826	0.421	6.93	4.81	4.89	3.47	9
10	1.25 B	0.7408	0.0858	20.1	5.41	1.01	0.642	0.373	4.61	4.48	3.83	2.80 B	10
11	1.08 B	1.32 B	0.0838	12.5	4.78	0.712	0.488	0.418	3.39	3.87	3.17	2.10 B	11
12	0.8208	1.03 B	0.0808	8.87	4.21	0.884	0.488	0.384	2.44	3.48	4.39	1.80 B	12
13	0.7958	0.8108	0.0778	6.43	8.66	3.27	0.430	0.334	1.82	2.87	11.9	1.55 B	13
14	0.7028	0.6508	0.0758	4.98	5.60	2.21	0.400	0.348	1.44	2.31	8.89	1.45 B	14
15	0.6158	0.5308	0.0718	5.84	4.02	1.28	0.440	0.327	8.89	1.81	7.13	1.32 B	15
16	0.5708	0.4408	0.0688	7.47	5.75	1.94	0.474	0.318	5.37	1.48	5.03	1.18 B	16
17	0.5208	0.3708	0.0678	6.57	6.88	2.80	0.403	0.327	3.81	1.25	4.03	1.08 B	17
18	0.4808	0.3108	0.1108	8.17	4.47	1.68	0.414	0.426	2.95	1.22	3.05	1.00 B	18
19	0.4468	0.2658	0.1908	32.3	3.21	1.10	0.408	0.574	2.13	1.88	33.4	0.8308	19
20	0.4108	0.2218	0.3008	22.2	2.83	1.15	0.392	0.542	1.80	1.83	11.0	0.6808	20
21	0.3828	0.1908	1.00 B	16.8	2.26	1.12	0.318	0.502	1.28	1.72	11.2	0.5108	21
22	0.3658	0.1658	4.75	20.4	2.19	0.947	0.328	0.578	0.904	18.4	17.5	0.7808	22
23	0.3488	0.1398	2.72	11.8	2.28	0.794	0.383	8.11	0.839	19.8	9.20	0.7108	23
24	0.8208	0.1638	1.82	13.0	2.00	0.677	0.373	4.89	0.840	10.4	8.00	0.6708	24
25	1.07 B	0.1898	1.73	14.3	1.88	0.638	0.476	4.04	0.974	8.49	5.48	0.6508	25
26	1.00 B	0.1708	2.28	9.84	1.83	0.618	0.408	5.25	1.55	6.80	4.80	0.6208	26
27	0.8008	0.1578	3.44	6.36	1.62	0.640	0.382	3.22	3.55	6.82	3.28	0.5908	27
28	0.8008	0.1478	3.26	4.81	1.33	0.618	0.342	2.76	8.37	4.50	2.88	0.5708	28
29	0.7008		3.06	3.58	1.29	1.80	0.349	2.62	5.24	4.48	3.22	0.5508	29
30	0.6258		2.93	5.81	1.43	1.37	0.331	1.82	3.83	13.7	1.89	0.5308	30
31	0.5808		2.89		1.43		0.357	1.32		8.34		0.5208	31
TOTAL	23.322	15.188	32.246	409.54	120.28	38.747	17.845	48.307	154.127	227.95	227.81	89.850	TOTAL
MEAN	0.752	0.542	1.04	13.7	3.88	1.22	0.575	1.56	5.14	7.35	7.59	1.93	MEAN
MAX	1.56	1.50	4.75	32.8	9.02	3.27	3.01	8.11	33.9	23.9	33.4	8.20	MAX
MIN	0.348	0.138	0.067	3.58	1.29	0.551	0.318	0.318	0.839	1.23	1.89	0.530	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 3.76
MAXIMUM DAILY 33.9 ON SEP 2
MINIMUM DAILY 0.0678 ON MAR 17
MAXIMUM INSTANTANEOUS
120 AT 14 01 NST ON SEP 2

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION LAT 48 32 56 N
LONG 58 34 11 W
DRAINAGE AREA 120 km²
B ICE CONDITIONS
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 020	JUL	1 540
FEB	1 310	AUG	4 170
MAR	2 780	SEP	13 300
APR	35 400	OCT	19 700
MAY	10 400	NOV	19 700
JUN	3 170	DEC	5 170

TOTAL DISCHARGE, 119 000 dam³

ROCKY BROOK AT TRANS-CANADA HIGHWAY - STATION NO 02YK005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0838	0.0308	0.0338	2.40 B	0.880	0.080	0.076	0.017	0.016	0.080	0.930	0.1678	1
2	0.0688	0.0268	0.0318	3.28 B	0.856	0.080	0.083	0.035	0.020	0.187	0.822	0.1778	2
3	0.0638	0.0268	0.0298	4.40 B	0.827	0.083	0.050	0.028	0.028	0.180	0.425	0.1878	3
4	0.0778	0.0258	0.0268	5.47 E	0.808	0.081	0.044	0.026	0.021	0.430	0.310	0.2088	4
5	0.1038	0.0238	0.0278	8.79 E	0.481	0.081	0.044	0.023	0.021	0.920	0.309	0.255	5
6	0.0838	0.0228	0.0258	4.80 E	0.432	0.048	0.038	0.021	0.017	0.521	0.812	0.387	6
7	0.0838	0.0218	0.0248	3.00	0.492	0.048	0.030	0.020	0.021	0.642	1.47	0.287	7
8	0.1028	0.0198	0.0238	1.85	0.588	0.039	0.027	0.018	0.174	0.431	0.848	0.2208	8
9	0.1368	0.0188	0.0228	1.38	0.512	0.035	0.023	0.018	0.270	0.276	0.674	0.1808	9
10	0.1188	0.0178	0.0218	1.58	0.402	0.038	0.022	0.020	0.343	0.229	0.507	0.1758	10
11	0.1088	0.0208	0.0208	1.55	0.318	0.031	0.021	0.018	0.239	0.214	0.373	0.1618	11
12	0.1508	0.0268	0.0198	1.17	0.308	0.028	0.024	0.015	0.189	0.188	0.765	0.1508	12
13	0.1488	0.0418	0.0188	0.977	0.288	0.030	0.021	0.013	0.158	0.164	0.926	0.1408	13
14	0.1318	0.0378	0.0178	1.05	0.229	0.027	0.018	0.016	0.123	0.118	0.605	0.1318	14
15	0.1178	0.0388	0.0188	1.04	0.181	0.034	0.015	0.013	0.139	0.108	0.366	0.1228	15
16	0.1088	0.0348	0.0188	1.81	0.285	0.041	0.018	0.013	0.138	0.105	0.713	0.1178	16
17	0.0988	0.0328	0.0158	1.48	0.799	0.047	0.017	0.011	0.141	0.103	0.530	0.1068	17
18	0.0908	0.0308	0.0178	2.33	0.623	0.048	0.015	0.011	0.158	0.113	0.380	0.1028	18
19	0.0848	0.0288	0.0238	10.1 E	0.588	0.042	0.013	0.018	0.141	0.102	0.976	0.0988	19
20	0.0758	0.0288	0.0808	6.81 E	0.358	0.041	0.012	0.018	0.114	0.092	1.18	0.0838	20
21	0.0888	0.0278	0.2808	4.89 E	0.242	0.038	0.011	0.014	0.110	0.128	1.85	0.0898	21
22	0.0648	0.0258	0.4808	6.09 E	0.187	0.037	0.012	0.013	0.084	0.549	6.99	0.0848	22
23	0.0588	0.0248	0.5808	2.26	0.199	0.032	0.012	0.017	0.068	1.53	2.98	0.0818	23
24	0.0558	0.0438	0.4008	1.56	0.157	0.030	0.012	0.023	0.062	0.898	1.30	0.0778	24
25	0.0508	0.0418	0.2908	1.37	0.130	0.027	0.014	0.020	0.074	0.643	0.807	0.0748	25
26	0.0478	0.0398	0.4608	1.02	0.118	0.025	0.017	0.018	0.078	0.732	0.588	0.0718	26
27	0.0438	0.0378	0.7608	0.750	0.108	0.025	0.017	0.020	0.088	0.831	0.4308	0.0688	27
28	0.0408	0.0358	1.20 B	0.588	0.073	0.023	0.013	0.020	0.097	0.658	0.3208	0.0658	28
29	0.0378		2.40 B	0.464	0.086	0.042	0.013	0.018	0.086	0.544	0.2308	0.0648	29
30	0.0358		2.15 B	0.533	0.074	0.036	0.011	0.016	0.096	1.83	0.1658	0.0588	30
31	0.0328		1.80 B		0.068		0.011	0.016		1.40		0.0758	31
TOTAL	2.811	0.813	11.784	80.942	11.316	1.185	0.730	0.563	3.325	15.425	29.350	4.289	TOTAL
MEAN	0.084	0.029	0.380	2.70	0.365	0.040	0.024	0.018	0.111	0.498	0.978	0.138	MEAN
MAX	0.150	0.043	2.40	10.1	0.880	0.083	0.076	0.035	0.343	1.83	6.99	0.387	MAX
MIN	0.032	0.017	0.015	0.464	0.068	0.023	0.011	0.011	0.018	0.080	0.165	0.068	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0.445
MAXIMUM DAILY, 10.1E ON APR 19
MINIMUM DAILY, 0.011 ON JUL 21
MAXIMUM INSTANTANEOUS,
14.9 AT 17 10 NST ON APR 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 15 59 N
LONG 57 05 14 W
DRAINAGE AREA, 20.4 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	226	JUL	63.1
FEB	70.2	AUG	48.5
MAR	1 020	SEP	267
APR	8 990	OCT	1 330
MAY	978	NOV	2 540
JUN	102	DEC	369

TOTAL DISCHARGE 14 000 dam³

REMARKS - THE "E" FOR DISCHARGES ABOVE 3.58 m³/s IS DUE TO STAGE DISCHARGE CURVE EXTENSION

BOTTOM CREEK NEAR ROCKY HARBOUR - STATION NO 02YH001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.2508	0.5908	0.2308	1.35	1.00	0.351	0.287	0.089	0.088	0.382	1.26	0.671	1
2	0.2368	0.4908	0.2228	2.83	0.908	0.376	0.276	0.095	0.182	0.686	1.20	0.675	2
3	0.2238	0.4508	0.2178	5.43	0.878	0.345	0.277	0.090	0.217	0.831	1.09	0.680	3
4	0.2138	0.4208	0.2108	4.87	0.808	0.314	0.286	0.090	0.223	0.854	1.01	0.623	4
5	0.2008	0.3858	0.2088	4.32	0.743	0.340	0.271	0.080	0.357	1.13	0.884	0.629	5
6	0.1908	0.3758	0.2038	4.19	0.708	0.300	0.280	0.077	0.425	1.14	0.977	0.655	6
7	0.1828	0.3558	0.1988	3.92	0.692	0.304	0.270	0.087	0.444	1.07	1.15	1.05	7
8	0.1758	0.3358	0.1958	3.54	0.654	0.289	0.240	0.086	0.969	0.937	1.14	1.12	8
9	0.1678	0.3258	0.1908	3.17	0.641	0.277	0.188	0.076	1.17	0.828	1.07	0.890	9
10	0.1628	0.4008	0.1858	2.83	0.639	0.280	0.178	0.085	1.10	0.744	0.935	0.810	10
11	0.2208	0.5308	0.1818	2.52	0.580	0.289	0.183	0.081	0.976	0.657	0.842	0.7108	11
12	0.2568	0.6008	0.1788	2.19	0.538	0.279	0.175	0.085	0.786	0.638	0.805	0.6608	12
13	0.2258	0.4808	0.1758	1.82	0.490	0.279	0.158	0.086	0.685	0.593	1.02	0.6108	13
14	0.2058	0.4258	0.1728	1.70	0.453	0.272	0.148	0.089	0.646	0.533	1.05	0.5768	14
15	0.1898	0.4008	0.1698	1.81	0.423	0.288	0.150	0.084	0.639	0.530	1.01	0.5508	15
16	0.1768	0.3758	0.1678	1.42	0.428	0.340	0.158	0.086	0.592	0.514	0.847	0.5208	16
17	0.1608	0.3608	0.1628	1.34	0.488	0.373	0.194	0.080	0.824	0.458	0.740	0.5008	17
18	0.1508	0.3408	0.1708	1.32	0.488	0.330	0.180	0.085	0.770	0.436	0.695	0.4808	18
19	0.1438	0.3288	0.2008	2.21	0.480	0.312	0.147	0.081	0.698	0.394	0.648	0.4608	18
20	0.1358	0.3158	0.2308	2.81	0.482	0.388	0.132	0.084	0.644	0.383	0.877	0.4408	20
21	0.1278	0.3008	0.4008	2.71	0.438	0.377	0.128	0.088	0.614	0.385	1.10	0.4308	21
22	0.1228	0.2908	0.5008	3.43	0.424	0.358	0.118	0.071	0.548	0.512	1.30	0.4158	22
23	0.1178	0.2838	0.887	3.80	0.473	0.333	0.108	0.078	0.494	0.872	1.33	0.4008	23
24	0.068	0.2708	0.848	3.18	0.490	0.317	0.104	0.085	0.458	1.07	1.21	0.3908	24
25	0.068	0.2658	0.829	2.77	0.448	0.323	0.117	0.081	0.442	1.04	1.17	0.3808	25
26	0.088	0.2558	0.830	2.28	0.434	0.288	0.117	0.101	0.472	1.08	1.15	0.3708	26
27	0.158	0.2508	0.712	1.87	0.404	0.257	0.110	0.094	0.488	1.08	0.978	0.3808	27
28	0.5008	0.2408	0.801	1.65	0.386	0.280	0.113	0.097	0.473	1.07	0.857	0.3508	28
29	0.8508		0.964	1.37	0.356	0.331	0.097	0.088	0.398	1.05	0.788	0.3408	29
30	0.7508		1.03	1.10	0.350	0.317	0.092	0.075	0.378	1.44	0.741	0.3308	30
31	0.6408		1.11		0.355		0.086	0.088		1.44		0.3258	31
TOTAL	7.385	10.291	12.046	78.25	17.029	9.445	5.353	2.385	17.185	24.878	30.105	17.578	TOTAL
MEAN	0.238	0.368	0.389	2.64	0.549	0.315	0.173	0.077	0.573	0.802	1.00	0.567	MEAN
MAX	0.860	0.680	1.11	5.43	1.00	0.377	0.287	0.101	1.17	1.44	1.33	1.12	MAX
MIN	0.068	0.240	0.182	1.10	0.350	0.257	0.086	0.068	0.086	0.385	0.696	0.325	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0.536
MAXIMUM DAILY, 5.43 ON APR 3
MINIMUM DAILY, 0.068 ON AUG 14
MAXIMUM INSTANTANEOUS,
5.74 AT 20:32 NST ON APR 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 35 05 N
LONG 57 54 34 W
DRAINAGE AREA, 33.4 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	636	JUL	462
FEB	688	AUG	206
MAR	1 040	SEP	1 480
APR	8 880	OCT	2 150
MAY	1 470	NOV	3 600
JUN	818	DEC	1 520

TOTAL DISCHARGE, 20 100 dam³

NEWFOUNDLAND AND LABRADOR

CHURCHILL RIVER ABOVE UPPER MUSKRAT FALLS - STATION NO 03OE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1 700	1 880	1 880	1 840	2 140	1 850	1 270	1 640	1 510	1 580	1 830	1 950	1
2	1 710	1 880	1 870	1 850	2 080	1 810	1 270	1 570	1 500	1 610	1 850	1 950	2
3	1 720	1 880	1 840	1 880	2 080	1 770	1 300	1 580	1 480	1 850	1 870	1 940	3
4	1 740	1 880	1 820	1 880	2 010	1 720	1 330	1 580	1 480	1 890	1 880	1 930	4
5	1 740	1 900	1 810	1 800	1 940	1 680	1 340	1 600	1 480	1 740	2 000	1 930	5
6	1 770	1 900	1 800	1 830	1 870	1 850	1 350	1 480	1 480	1 780	2 010	1 920	6
7	1 800	1 910	1 800	1 850	1 840	1 840	1 380	1 490	1 480	1 820	2 020	1 930	7
8	1 810	1 910	1 780	1 880	1 900	1 830	1 340	1 500	1 480	1 840	2 020	1 930	8
9	1 830	1 910	1 770	1 720	1 880	1 830	1 310	1 500	1 440	1 820	2 030	1 880	9
10	1 830	1 910	1 740	1 740	2 040	1 810	1 270	1 500	1 380	1 880	2 040	1 880	10
11	1 830	1 900	1 700	1 770	2 100	1 800	1 250	1 480	1 380	2 000	2 040	2 000	11
12	1 840	1 890	1 670	1 780	2 130	1 800	1 220	1 470	1 380	2 030	2 030	2 010	12
13	1 850	1 890	1 680	1 800	2 180	1 810	1 200	1 450	1 380	2 030	2 030	2 020	13
14	1 880	1 890	1 710	1 780	2 230	1 850	1 200	1 450	1 370	2 010	2 030	2 030	14
15	1 880	1 890	1 730	1 740	2 310	1 870	1 220	1 470	1 380	1 980	2 030	2 040	15
16	1 830	1 890	1 750	1 700	2 400	1 880	1 300	1 480	1 400	1 970	2 020	2 080	16
17	1 830	1 880	1 760	1 670	2 480	1 830	1 380	1 500	1 440	1 960	1 980	2 070	17
18	1 820	1 880	1 770	1 670	2 520	1 800	1 480	1 510	1 470	1 940	1 980	2 070	18
19	1 810	1 890	1 770	1 680	2 520	1 780	1 510	1 530	1 520	1 920	1 950	2 070	19
20	1 810	1 880	1 780	1 740	2 470	1 880	1 550	1 540	1 570	1 900	1 940	2 080	20
21	1 820	1 880	1 780	1 810	2 400	1 570	1 880	1 540	1 600	1 880	1 930	2 040	21
22	1 830	1 880	1 760	1 800	2 330	1 880	1 540	1 540	1 600	1 880	1 930	2 020	22
23	1 840	1 880	1 740	2 030	2 270	1 800	1 530	1 540	1 590	1 880	1 940	2 000	23
24	1 850	1 880	1 720	2 230	2 210	1 440	1 530	1 550	1 590	1 880	1 960	2 000	24
25	1 880	1 890	1 700	2 420	2 180	1 380	1 530	1 550	1 600	1 900	1 970	1 980	25
26	1 880	1 900	1 670	2 530	2 080	1 380	1 530	1 530	1 610	1 920	1 980	1 980	26
27	1 880	1 880	1 880	2 520	2 020	1 320	1 530	1 510	1 620	1 920	1 980	1 970	27
28	1 870	1 880	1 830	2 420	1 950	1 300	1 510	1 510	1 630	1 920	1 980	1 980	28
29	1 870		1 800	2 300	1 910	1 290	1 480	1 510	1 620	1 910	1 970	1 980	29
30	1 870		1 870	2 210	1 890	1 280	1 480	1 510	1 600	1 900	1 880	1 940	30
31	1 880		1 880		1 870		1 500	1 520		1 910		1 930	31
TOTAL	56 400	52 980	53 750	55 970	66 300	47 170	43 180	46 910	45 010	58 280	59 800	61 840	TOTAL
MEAN	1 820	1 890	1 730	1 870	2 140	1 570	1 380	1 510	1 500	1 880	1 930	1 990	MEAN
MAX	1 880	1 910	1 880	2 530	2 520	1 850	1 560	1 580	1 630	2 030	2 040	2 070	MAX
MIN	1 700	1 880	1 680	1 840	1 850	1 280	1 200	1 450	1 380	1 580	1 830	1 920	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 770
MAXIMUM DAILY, 2 530 ON APR 26
MINIMUM DAILY, 1 200 ON JUL 13
MAXIMUM INSTANTANEOUS,
2 550 AT 04 43 AST ON APR 27

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 14 52 N
LONG 60 47 21 W
DRAINAGE AREA, 92 500 km²

REGULATED SINCE 1971

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	4 870 000	JUL	3 730 000
FEB	4 570 000	AUG	4 050 000
MAR	4 640 000	SEP	3 890 000
APR	4 840 000	OCT	5 030 000
MAY	5 730 000	NOV	5 150 000
JUN	4 080 000	DEC	5 330 000

TOTAL DISCHARGE, 55 900 000 dam³

CHURCHILL RIVER AT CHURCHILL FALLS POWERHOUSE - STATION NO 03OD005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1 640	1 820	1 630	1 380	1 140	817	845	573	1 180	1 300	1 180	1 530	1
2	1 780	1 830	1 740	1 280	1 000	902	483	1 230	1 250	1 340	1 340	1 520	2
3	1 850	1 820	1 770	1 200	933	947	997	1 070	1 180	1 170	1 340	1 590	3
4	1 850	1 830	1 740	1 130	1 110	957	858	1 120	1 190	978	1 410	1 590	4
5	1 840	1 810	1 680	1 030	1 130	985	831	1 110	954	1 330	1 470	1 540	5
6	1 850	1 800	1 850	1 130	1 140	784	882	1 110	774	1 280	1 540	1 300	6
7	1 840	1 780	1 800	1 240	1 180	585	851	1 130	573	1 280	1 430	1 870	7
8	1 840	1 880	1 440	1 210	1 200	983	850	1 110	1 200	1 280	1 410	1 640	8
9	1 820	1 810	1 700	1 230	1 220	888	843	831	1 240	1 370	1 610	1 880	9
10	1 830	1 810	1 780	1 180	882	906	852	1 180	1 240	1 070	1 510	1 480	10
11	1 830	1 800	1 770	931	1 210	974	858	1 200	1 210	882	1 580	1 870	11
12	1 800	1 810	1 800	785	1 210	1 020	761	1 180	985	1 210	1 810	1 480	12
13	1 780	1 740	1 740	1 080	1 200	890	1 080	1 200	837	1 300	1 870	1 440	13
14	1 770	1 750	1 720	1 110	1 210	831	1 070	1 190	1 120	1 280	1 520	1 700	14
15	1 840	1 680	1 730	1 080	1 220	936	903	1 200	1 230	1 310	1 280	1 770	15
16	1 840	1 780	1 730	1 200	1 220	888	1 080	1 300	1 220	1 280	1 580	1 780	16
17	1 850	1 770	1 680	1 070	846	883	1 070	1 180	1 250	1 140	1 570	1 780	17
18	1 780	1 750	1 620	787	1 130	983	948	1 280	1 280	1 020	1 470	1 840	18
19	1 810	1 750	1 610	751	1 200	943	758	1 180	1 100	1 280	1 480	1 800	19
20	1 820	1 780	1 510	1 070	1 170	846	1 080	1 310	934	1 440	1 700	1 380	20
21	1 850	1 750	1 480	1 100	1 170	831	1 110	1 320	1 280	1 500	1 500	1 820	21
22	1 840	1 800	1 370	1 080	1 180	987	1 070	1 180	1 280	1 810	1 380	1 870	22
23	1 830	1 750	1 380	1 140	1 180	942	1 100	908	1 270	1 820	1 810	1 880	23
24	1 820	1 740	1 350	1 130	885	777	1 020	1 180	1 310	1 280	1 800	1 880	24
25	1 820	1 770	1 290	883	1 140	871	707	1 280	1 310	1 190	1 830	1 880	25
26	1 840	1 710	1 280	802	1 180	1 080	808	1 380	1 210	1 280	1 820	1 780	26
27	1 840	1 800	1 490	1 080	1 180	889	1 080	1 280	978	1 310	1 800	1 810	27
28	1 840	1 780	1 310	1 100	1 140	703	1 070	1 280	1 280	1 300	1 470	1 800	28
29	1 830		1 080	1 140	1 180	827	1 070	1 080	1 240	1 310	1 410	1 810	29
30	1 830		1 280	1 210	888	816	1 110	872	1 280	1 280	1 880	1 800	30
31	1 830		1 310		882		1 080	1 310		1 310		1 800	31
TOTAL	56 280	49 490	48 330	32 498	34 467	28 956	29 202	34 886	34 302	39 480	44 840	52 230	TOTAL
MEAN	1 810	1 770	1 560	1 080	1 110	889	842	1 130	1 140	1 270	1 490	1 680	MEAN
MAX	1 850	1 830	1 800	1 380	1 220	1 080	1 110	1 380	1 310	1 820	1 700	1 810	MAX
MIN	1 630	1 800	1 080	751	846	585	808	483	573	882	1 180	1 300	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1 330
MAXIMUM DAILY, 1 910 ON DEC 27
MINIMUM DAILY, 483 ON AUG 3

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 53 32 10 N
LONG 63 57 51 W
DRAINAGE AREA 89 200 km²

REGULATED SINCE 1971

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	4 880 000	JUL	2 520 000
FEB	4 280 000	AUG	3 020 000
MAR	4 180 000	SEP	2 880 000
APR	2 810 000	OCT	3 410 000
MAY	2 980 000	NOV	3 870 000
JUN	2 330 000	DEC	4 510 000

TOTAL DISCHARGE, 41 700 000 dam³

DATA CONTRIBUTED BY -
CHURCHILL FALLS (LABRADOR) CORPORATION LIMITED

CHURCHILL RIVER AT FOOT OF LOWER MUSKRAT FALLS - STATION NO 03OE007

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.071	8.312	8.938	---	---	---	---	---	3 722	3 856	4 201	5 388	1
2	7.088	8.318	8.180	---	---	---	---	---	3 692	4 016	4 240	5 940	2
3	7.133	8.298	8.487	---	---	---	---	---	3 672	4 103	4 243	7 184	3
4	7.186	8.582	8.891	---	---	---	---	---	3 717	4 138	4 238	7 017	4
5	8.861	8.481	8.854	---	---	---	---	---	3.758	4 190	4 224	6 813	5
6	8.882	8.428	8.718	---	---	---	---	---	3 758	4 224	4 216	6 712	6
7	7.082	8.387	8.835	---	---	---	---	---	3 732	4 280	4 177	6 587	7
8	7.222	8.270	8.328	---	---	---	---	---	3 643	4 294	4 185	6 432	8
9	7.248	8.177	8.056	---	---	---	---	3 890A	3 621	4 313	4 167	6 516	9
10	7.264	8.186	8.278	---	---	---	---	3.818	3 466	4 337	4 145	6 635	10
11	7.844	8.833	8.130	---	---	---	---	3 758	3 548	4 338	4 137	6 820	11
12	7.882	7.851	8.898	---	---	---	---	3 702	3 633	4 273	4 140	6 625	12
13	7.328	7.703	8.868	---	---	---	---	3 720	3 694	4 148	4 168	6 550	13
14	8.715	7.478	8.954	---	---	---	---	3 766	3 676	4 085	4 183	6 490	14
15	8.845	7.286	8.884	---	---	---	---	3.801	3 837	4 061	4 124	6 420	15
16	7.085	7.146	8.884	---	---	---	---	3 820	3 678	4 063	4 189	6 269	16
17	7.347	7.187	8.863	---	---	---	---	3 835	3 835	4 077	4 338	6 413	17
18	7.529	7.308	8.846	---	---	---	---	3.885	3 909	4 063	4 430	6 419	18
19	7.713	7.506	8.953	---	---	---	---	3.857	3 956	4 029	4 296	6 547	19
20	7.674	7.492	8.868	---	---	---	---	3 840	3 988	3 981	4 437	6 771	20
21	7.784	7.498	---	---	---	---	---	3 831	3 956	3 969	4 476	6 923	21
22	7.763	7.500	---	---	---	---	---	3 842	3 873	4 029	4 470	6 884	22
23	7.872	7.500	---	---	---	---	---	3 856	3 816	4 105	4 425	6 880	23
24	7.802	7.471	---	---	---	---	---	3 841	3 842	4 155	4 348	6 931	24
25	7.213	7.840	---	---	---	---	---	3 797	3 878	4 208	4 275	7 030	25
26	7.858	8.211	---	---	---	---	---	3 722	---	4 187	4 294	7 180	26
27	7.844	8.870	---	---	---	---	---	3 738	3 890A	4 115	4 888	7 280	27
28	8.128	8.887	---	---	---	---	---	3 783	3 883	4 085	5 042	7 478	28
29	8.030		---	---	---	---	---	3.817	3 810	4 055	5 840	7.352A	29
30	8.228		---	---	---	---	---	3 819	3 770	4 071	5 008	---	30
31	8.189		---		---		---	3 795		4 142		---	31
MEAN	7.636	7.949	---	---	---	---	---	---	---	4 128	4 401	---	MEAN
MAX	8.228	8.887	---	---	---	---	---	---	---	4 339	5 008	---	MAX
MIN	6.845	7.146	---	---	---	---	---	---	---	3 855	4 124	---	MIN

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 14 57 N
LONG 60 46 08 W

A - MANUAL GAUGE

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

CHURCHILL RIVER BELOW GULL ISLAND RAPIDS - STATION NO 03OE006

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	4 458	4 824	---	4 787	---	4 853	1
2	---	---	---	---	---	---	4 452	4 771	---	4 832	---	4 878	2
3	---	---	---	---	---	---	4 435	4 844	---	4 859	---	5 023	3
4	---	---	---	---	---	---	4 439	4 859	---	4 858	---	5 042	4
5	---	---	---	---	---	---	4 465	4 831	---	4 887	---	5 037	5
6	---	---	---	---	---	---	4 424	4 703	---	4 858	---	5.031	6
7	---	---	---	---	---	---	4 348	4 712	---	5 027	---	4 857	7
8	---	---	---	---	---	---	4 338	4 704	---	5 058	---	4 888	8
9	---	---	---	---	---	---	4 337	4 881	---	5 083	---	4 880	9
10	---	---	---	---	---	---	4.362	4.845	---	5.103	---	4 883	10
11	---	---	---	---	---	---	4 347	4 895	---	5 048	---	4 888	11
12	---	---	---	---	---	---	4 349	4 832	---	4 848	---	4 872	12
13	---	---	---	---	---	4 778	4 378	4 878	---	4 888	---	4 842	13
14	---	---	---	---	---	4 782	4 384	4 712	---	---	---	---	14
15	---	---	---	---	---	4 712	4 882	4 729	---	---	---	---	15
16	---	---	---	---	---	4 880	4 848	4 733	---	---	---	---	16
17	---	---	---	---	---	4 882	4.887	4.787	---	---	---	---	17
18	---	---	---	---	---	4.700	4.882	4 787	---	---	---	---	18
19	---	---	---	---	---	4.885	4.704	4.738	---	---	---	---	19
20	---	---	---	---	---	4.895	4.887	4.725	---	---	---	---	20
21	---	---	---	---	---	4 884	4 836	4.738	---	---	---	---	21
22	---	---	---	---	---	4 880	4.881	4.748	---	---	---	---	22
23	---	---	---	---	---	4 800	4 893	4 732	---	---	---	---	23
24	---	---	---	---	---	4.809	4.888	4.888	---	---	---	---	24
25	---	---	---	---	---	4.801	4 703	4 836	4 786	---	---	---	25
26	---	---	---	---	---	4.486	4.878	4.868	4.788	---	5.028	---	26
27	---	---	---	---	---	4 478	4 887	4 898	4 785	---	5.042	---	27
28	---	---	---	---	---	4.483	4 878	4.719	4 887	---	5.084	---	28
29	---		---	---	---	4.478	4 890	4 738	4 843	---	5.036	---	29
30	---		---	---	---	4 448	4.776	---	4.880	---	4 878	---	30
31	---		---		---		4 808	---		---		---	31
MEAN	---	---	---	---	---	---	4.848	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	4.808	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	4 338	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 58 21 N
LONG 61 28 15 W

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

NEWFOUNDLAND AND LABRADOR

CHURCHILL RIVER BETWEEN UPPER AND LOWER MUSKRAT FALLS - STATION NO. 03OE005

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	-0.218	0.372	0.002	0.212	---	---	1
2	---	---	---	---	---	---	-0.221	0.388	-0.050	0.408	---	---	2
3	---	---	---	---	---	---	-0.228	0.248	0.013	0.611	---	---	3
4	---	---	---	---	---	---	-0.231	0.031	0.085	0.532	---	---	4
5	---	---	---	---	---	---	-0.230	0.008	0.107	0.894	---	---	5
6	---	---	---	---	---	---	-0.234	0.170	0.094	0.889	---	---	6
7	---	---	---	---	---	---	---	0.281	0.020	0.724	---	---	7
8	---	---	---	---	---	---	---	0.228	-0.118	0.764	---	---	8
9	---	---	---	---	---	---	---	0.209	-0.211	0.828	---	---	9
10	---	---	---	---	---	---	---	0.181	-0.211	0.778	---	---	10
11	---	---	---	---	---	---	---	0.077	-0.148	0.717	---	---	11
12	---	---	---	---	---	---	---	0.033	-0.048	0.851	---	---	12
13	---	---	---	---	---	0.426	---	0.080	0.021	0.573	---	---	13
14	---	---	---	---	---	0.487	---	0.151	-0.028	0.480	---	---	14
15	---	---	---	---	---	0.417	---	0.204	-0.101	0.504	---	---	15
16	---	---	---	---	---	0.292	0.091	0.222	-0.015	0.517	---	---	16
17	---	---	---	---	---	0.259	0.151	0.285	0.180	0.508	---	---	17
18	---	---	---	---	---	0.271	0.182	0.314	0.295	0.491	---	---	18
19	---	---	---	---	---	0.283	0.203	0.286	0.381	0.459	---	---	19
20	---	---	---	---	---	0.247	0.195	0.239	0.374	0.389	---	---	20
21	---	---	---	---	---	0.217	0.111	0.221	0.328	0.378	---	---	21
22	---	---	---	---	---	0.121	0.074	0.224	0.201	0.485	---	---	22
23	---	---	---	---	---	-0.044	0.130	0.280	0.184	0.570	---	---	23
24	---	---	---	---	---	-0.131	0.184	0.249	0.223	0.635	---	---	24
25	---	---	---	---	---	-0.121	0.184	0.131	0.284	0.887	---	---	25
26	---	---	---	---	---	-0.171	0.183	0.072	0.281	0.847	---	---	26
27	---	---	---	---	---	-0.198	0.080	0.100	0.298	0.858	---	---	27
28	---	---	---	---	---	-0.191	0.004	0.180	0.280	0.498	---	---	28
29	---		---	---	---	-0.181	0.058	0.209	0.128	0.488	---	---	29
30	---		---	---	---	-0.188	0.222	0.213	0.085	0.532	---	---	30
31	---		---	---			0.325	0.133		---		---	31
MEAN	---	---	---	---	---	---	---	0.182	0.094	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	0.388	0.374	---	---	---	MAX
MIN	---	---	---	---	---	---	---	0.008	-0.211	---	---	---	MIN

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 14 39 N
LONG 60 48 24 W

REGULATED

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 8.101 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

REMARKS - GSC DATUM ESTABLISHED BY S N C -LAVLIN NFLD LTD. IN 1979

COME BY CHANCE RIVER NEAR GOOBIES - STATION NO 02ZH002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.5100	0.8000	0.4450	4.24	2.65	0.274	0.308	0.032	0.044	1.02	4.84	0.738	1
2	0.4600	5.80 B	0.4000	5.21	2.56	0.254	0.285	0.031	0.212	3.55	3.30	1.85	2
3	0.5200	4.00 B	0.3850	5.85	2.10	0.241	0.248	0.036	0.421	3.28	2.85	2.61	3
4	0.7700	2.60 B	0.3250	12.1	1.72	0.218	0.206	0.027	0.438	6.78	2.11	2.49	4
5	0.8600	2.15 B	0.3050	9.00	1.37	0.197	0.203	0.017	0.398	12.7	1.84	2.27	5
6	0.5300	1.75 B	0.2850	7.01	1.15	0.188	0.312	0.018	0.330	6.89	3.14	5.07	6
7	0.6200	1.50 B	0.2650	5.88	0.922	0.162	0.301	0.021	0.378	3.88	5.10	4.87	7
8	0.8000	1.28 B	0.2470	5.14	0.847	0.144	0.283	0.027	0.300	2.57	3.84	3.22	8
9	1.30 B	1.14 B	0.2320	4.17	1.83	0.165	0.226	0.033	0.405	3.89	3.03	1.89	9
10	0.9200	1.00 B	0.2180	3.76	3.84	0.210	0.193	0.035	0.434	3.48	2.45	1.88	10
11	0.7400	1.50 B	0.2030	5.73	5.29	0.281	0.205	0.029	0.384	2.35	1.98	1.44	11
12	1.10 B	1.35 B	0.1910	3.72	3.89	0.280	0.289	0.018	0.348	1.71	2.34	1.14	12
13	1.40 B	1.10 B	0.1810	2.59	2.96	2.93	0.221	0.018	0.301	1.31	7.04	1.21	13
14	1.00 B	0.9300	0.1710	2.03	1.78	4.14	0.167	0.013	0.241	1.08	5.00	1.81	14
15	0.7300	0.8300	0.1600	3.10	1.31	2.46	0.186	0.018	0.359	0.888	3.30	2.32	15
16	0.5600	0.7300	0.2500	5.21	1.06	1.89	0.134	0.017	0.708	0.734	2.20	1.85	16
17	0.4600	0.6600	0.6000	4.48	1.56	1.48	0.116	0.013	0.718	0.849	1.40	1.58	17
18	0.3900	0.5800	1.88	3.42	2.00	1.18	0.098	0.014	2.02	0.882	1.81	1.35 B	18
19	0.3350	0.5300	5.85	4.17	1.83	0.927	0.088	0.034	3.12	0.827	1.48	1.18 B	19
20	0.2900	0.4900	11.3	5.22	1.32	0.704	0.078	0.030	2.20	0.808	1.37	1.05 B	20
21	0.2650	0.4600	13.0	4.38	1.03	0.823	0.084	0.028	1.56	0.659	1.31	0.9200	21
22	0.2380	0.4100	11.0	4.08	0.825	0.547	0.083	0.028	1.11	0.813	1.26	0.8400	22
23	0.2050	0.3800	8.85	3.48	0.759	0.473	0.063	0.026	0.880	2.79	1.81	0.7700	23
24	1.80 B	0.3750	6.43	2.71	0.717	0.414	0.039	0.107	0.718	2.46	1.57	0.7100	24
25	3.50 B	0.4410	5.37	2.37	0.844	0.387	0.035	0.081	0.848	1.73	1.46	0.6600	25
26	3.10 B	0.8000	5.04	2.03	0.802	0.418	0.031	0.078	0.658	3.06	1.35	0.6250	26
27	2.30 B	0.6400	5.15	1.74	0.633	0.382	0.052	0.072	0.821	6.12	1.08	0.5900	27
28	1.80 B	0.4800	5.38	1.48	0.440	0.310	0.048	0.072	0.702	3.85	0.918	0.6550	28
29	1.40 B		7.85	1.30	0.374	0.289	0.040	0.073	0.655	2.55	0.858	0.5350	29
30	1.15 B		5.89	1.24	0.343	0.302	0.036	0.083	0.812	5.87	0.788	0.5900	30
31	0.9500		4.15		0.301		0.036	0.052		5.76		0.638	31
TOTAL	30.821	34.401	91.183	142.85	48.091	22.000	4.583	1.157	21.728	93.145	72.583	48.831	TOTAL
MEAN	0.988	1.23	2.84	4.75	1.55	0.733	0.147	0.037	0.724	3.00	2.42	1.58	MEAN
MAX	3.50	5.80	13.0	12.1	5.29	4.14	0.312	0.107	3.12	12.7	7.04	5.07	MAX
MIN	0.205	0.370	0.180	1.20	0.301	0.144	0.031	0.013	0.044	0.659	0.788	0.535	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 1.67
MAXIMUM DAILY 13.0 ON MAR 21
MINIMUM DAILY 0.013 ON AUG 14
MAXIMUM INSTANTANEOUS
14.5 AT 03 23 NST ON OCT 5

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 55 07 N
LONG 53 56 59 W
DRAINAGE AREA 43.3 km²

B ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 650	JUL	394
FEB	2 970	AUG	100
MAR	7 880	SEP	1 880
APR	12 300	OCT	8 050
MAY	4 150	NOV	6 270
JUN	1 900	DEC	4 220

TOTAL DISCHARGE 52 800 dam³

CORNER BROOK AT WATSONS BROOK POWERHOUSE - STATION NO 02YL002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.18	2.38	2.10	2.33	11.8	3.87	1.84	2.27	1.97	2.52	3.31	5.01	1
2	2.20	2.88	2.18	5.80	11.0	3.83	1.93	2.03	2.59	2.56	3.38	5.81	2
3	2.26	2.82	2.30	12.0	8.88	3.74	1.97	2.00	2.19	2.38	3.13	6.02	3
4	2.50	2.82	2.13	11.2	7.41	3.83	2.13	1.97	2.38	3.28	2.04	5.84	4
5	2.45	2.81	1.83	9.11	7.28	3.47	2.18	1.97	2.85	0.818	1.93	5.30	5
6	2.28	2.78	1.88	8.89	7.87	3.47	2.10	1.90	2.33	0.382	5.41	5.05	6
7	2.22	2.85	1.97	8.84	7.01	3.38	1.93	2.05	2.18	0.268	4.95	5.89	7
8	2.18	2.45	2.04	8.10	7.83	2.88	1.83	2.18	2.89	0.253	4.18	5.15	8
9	2.10	2.14	2.38	8.39	7.80	2.59	1.88	1.84	2.33	0.235	3.28	4.20	9
10	2.00	2.33	2.04	8.89	8.89	2.48	1.88	2.47	2.10	0.281	2.82	2.82	10
11	2.06	2.52	1.91	8.82	8.35	2.78	1.87	2.40	1.97	0.286	2.04	4.35	11
12	2.23	2.28	1.88	8.82	8.24	2.18	1.83	2.40	1.74	1.89	2.33	2.76	12
13	2.33	2.33	1.88	8.82	8.14	2.33	2.04	1.99	2.10	1.77	2.10	2.89	13
14	2.35	2.23	1.81	7.47	8.87	2.10	1.83	1.87	2.10	1.77	2.00	2.85	14
15	1.93	2.23	1.88	9.14	3.08	1.88	2.00	2.10	2.14	2.00	2.18	2.85	15
16	1.81	2.07	1.88	8.98	8.90	1.40	2.46	2.07	2.03	2.04	2.22	2.59	16
17	1.74	2.28	1.90	9.18	8.21	1.83	2.29	2.18	1.97	2.28	2.28	2.42	17
18	1.74	2.13	1.93	13.4	3.70	2.20	2.18	2.85	2.10	2.18	4.13	2.52	18
19	1.81	1.97	2.04	26.2	2.79	2.18	2.28	2.29	2.18	2.28	8.75	2.45	19
20	2.13	1.93	1.81	18.8	2.38	2.23	2.13	1.97	2.07	2.13	5.09	2.58	20
21	2.19	2.18	2.06	17.8	2.27	1.88	2.18	2.18	2.03	2.28	13.5	3.02	21
22	2.40	2.10	1.81	24.4	2.89	1.81	2.00	2.18	2.07	3.48	17.2	3.13	22
23	2.33	2.03	1.87	11.1	3.44	1.83	1.97	2.28	1.93	3.58	7.64	3.04	23
24	2.48	2.10	1.77	8.46	3.54	1.80	2.10	1.84	1.85	2.82	4.89	3.02	24
25	2.46	2.11	1.87	7.77	3.86	2.00	2.13	2.00	2.04	2.04	3.70	2.78	25
26	2.48	2.00	2.10	8.84	3.58	1.80	2.00	1.87	2.10	2.00	3.33	2.79	26
27	2.50	2.10	1.88	8.84	3.45	1.77	1.87	1.71	2.28	1.83	3.41	2.72	27
28	2.78	2.10	1.74	7.27	3.47	1.88	2.03	1.87	2.29	1.80	3.44	2.88	28
29	2.95		1.57	8.00	3.54	1.08	2.00	1.84	2.43	4.16	4.13	2.92	29
30	2.33		1.51	10.8	3.15	1.77	2.10	1.88	2.16	6.89	8.00	3.35	30
31	2.49		1.71		3.90		2.00	2.00		4.36		2.84	31
TOTAL	70.04	64.62	59.55	294.82	184.16	72.33	62.65	63.44	64.95	66.331	130.53	112.88	TOTAL
MEAN	2.26	2.31	1.92	9.83	5.30	2.41	2.03	2.05	2.17	2.14	4.35	3.64	MEAN
MAX	2.95	2.82	2.38	26.2	11.8	3.87	2.46	2.59	2.89	17.2	8.30	MAX	
MIN	1.74	1.83	1.51	2.33	2.27	1.08	1.84	1.84	1.74	0.235	1.83	2.42	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 3.36
MAXIMUM DAILY 26.2 ON APR 19
MINIMUM DAILY 0.235 ON OCT 9

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 48 55 26 N
LONG 57 54 11 W
DRAINAGE AREA 127 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 050	JUL	5 430
FEB	5 580	AUG	5 480
MAR	5 150	SEP	5 810
APR	25 500	OCT	5 730
MAY	14 200	NOV	11 300
JUN	8 240	DEC	8 750

TOTAL DISCHARGE 106 000 dam³

DATA CONTRIBUTED BY :
NEWFOUNDLAND AND LABRADOR HYDRO

REGULATED

DEER LAKE AT DEER LAKE - STATION NO 02YL007

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.791	4.858	4.809	---	5.940	5.284	4.813	4.758	4.888	4.901	5.688	5.428	1
2	4.883	4.898	4.813	---	5.894	5.237	4.822	4.778	4.708	4.937	5.727	5.359	2
3	4.835	4.897	4.808	---	5.878	5.213	4.822	4.789	4.734	4.951	5.691	5.341	3
4	4.851	4.890	4.818	---	5.830	5.180	4.820	4.791	4.778	5.035	5.618	5.328	4
5	4.885	4.880	4.827	---	5.747	5.180	4.808	4.783	4.840	5.181	5.525	5.291	5
6	4.896	4.868	4.812	---	5.688	5.158	4.805	4.789	4.909	5.252	5.480	5.269	6
7	4.893	4.815	4.831	---	5.833	5.148	4.817	4.755	4.913	5.326	5.435	5.242	7
8	4.714	4.796	4.837	---	5.898	5.131	4.806	4.755	4.871	5.355	5.429	5.198	8
9	4.748	4.789	4.834	---	5.823	5.110	4.812	4.756	4.893	5.342	5.388	5.132	9
10	4.785	4.790	4.821	---	5.834	5.087	4.812	4.749	4.955	5.295	5.336	5.094	10
11	4.781	4.807	4.785	---	5.891	5.093	4.790	4.742	5.018	5.247	5.273	5.082	11
12	4.819	4.803	4.756	---	5.881	5.076	4.784	4.738	5.086	5.201	5.212	5.033	12
13	4.823	4.804	4.772	---	5.889	5.080	4.782	4.729	5.074	5.163	5.198	5.009	13
14	4.828	4.821	4.777	---	5.887	5.086	4.770	4.717	5.073	5.138	5.181	4.982	14
15	4.838	4.828	4.773	---	5.897	5.024	4.787	4.707	5.078	5.128	5.178	4.952	15
16	4.838	4.828	4.787	---	5.874	5.029	4.788	4.695	5.074	5.105	5.150	4.915	16
17	4.842	4.820	4.784	---	5.868	5.028	4.751	4.695	5.058	5.092	5.111	4.891	17
18	4.828	4.813	4.784	---	5.835	5.000	4.748	4.704	5.037	5.077	5.088	4.908	18
19	4.832	4.818	4.725	---	5.844	5.008	4.758	4.717	5.030	5.070	5.111	4.914	19
20	4.833	4.808	---	---	5.802	5.008	4.757	4.704	5.025	5.083	5.142	4.913	20
21	4.836	4.806	---	---	5.810	5.012	4.732	4.700	5.008	5.024	5.187	4.903	21
22	4.831	4.813	---	---	5.783	4.998	4.711	4.728	4.982	5.025	5.130	4.893	22
23	4.834	4.810	---	---	5.812	4.975	4.718	4.726	4.981	5.088	5.147	4.885	23
24	4.856	4.808	---	---	5.848	4.950	4.718	4.707	4.984	5.157	5.288	4.880	24
25	4.892	4.815	---	---	5.811	4.935	4.733	4.707	4.947	5.211	5.318	4.754	25
26	4.888	4.815	---	---	5.480	4.928	4.741	4.710	4.937	5.247	5.178	4.870	26
27	4.873	4.818	---	---	5.456	4.923	4.756	4.718	4.938	5.261	5.018	4.708	27
28	4.884	4.815	---	---	5.423	4.915	4.753	4.729	4.939	5.284	5.034	4.741	28
29	4.848		---	---	5.380	4.886	4.745	4.730	4.933	5.287	5.078	4.758	29
30	4.848		---	---	5.355	4.812	4.752	4.714	4.907	5.308	5.044	4.781	30
31	4.849		---	---	5.322		4.752	4.702		5.334		4.770	31
MEAN	4.796	4.828	---	---	5.742	5.048	4.772	4.733	4.945	5.172	5.515	4.999	MEAN
MAX	4.892	4.898	---	---	5.891	5.284	4.822	4.793	5.078	5.534	5.318	5.428	MAX
MIN	4.825	4.789	---	---	5.322	4.812	4.711	4.695	4.898	4.901	5.089	4.870	MIN

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MINIMUM DAILY, 4.825 ON JAN 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT N
LONG W

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

NEWFOUNDLAND AND LABRADOR

DEER LAKE NEAR PASADENA - STATION NO. 02YL006

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.872	4.941	4.852	5.013	5.936	5.282	---	4.787	4.708	4.938	5.880	5.452	1
2	4.788	4.954	4.855	5.098	5.883	5.251	---	4.807	4.718	4.936	5.720	5.382	2
3	4.722	4.957	4.862	5.224	5.858	5.225	---	4.813	4.744	4.973	5.676	5.342	3
4	4.725	4.951	4.889	5.398	5.782	5.200	---	4.803	4.810	5.063	5.617	5.315	4
5	4.751	4.939	4.871	5.589	5.717	5.187	---	4.800	4.885	5.171	5.536	5.301	5
6	4.788	4.904	4.889	5.790	5.650	5.178	---	4.787	4.938	5.271	5.463	5.282	6
7	4.773	4.878	4.882	5.872	5.627	5.188	---	4.776	4.974	5.346	5.438	5.237	7
8	4.783	4.880	4.884	5.881	5.710	5.158	4.818	4.783	4.933	5.388	5.428	5.188	8
9	4.815	4.885	4.874	5.114	5.821	5.140	4.821	4.788	4.892	5.328	5.380	5.138	9
10	4.824	4.896	4.881	5.108	5.821	5.122	4.814	4.777	5.023	5.286	5.344	5.088	10
11	4.851	4.884	4.824	5.088	5.870	5.114	4.813	4.778	5.059	5.246	5.282	5.070	11
12	4.894	4.851	4.825	5.000	5.859	5.107	4.804	4.784	5.108	5.204	5.242	5.049	12
13	4.897	4.884	4.834	5.812	5.854	5.088	4.807	4.773	5.113	5.181	5.217	5.028	13
14	4.892	4.880	4.839	5.808	5.836	5.092	4.786	4.747	5.120	5.147	5.203	4.987	14
15	4.892	4.884	4.840	5.726	5.889	5.070	4.788	4.735	5.115	5.116	5.192	4.967	15
16	4.902	4.877	4.828	5.686	5.864	5.055	4.787	4.738	5.082	5.115	5.180	4.942	16
17	4.895	4.883	4.807	5.626	5.885	5.044	4.785	4.734	5.087	5.107	5.123	4.925	17
18	4.897	4.886	4.804	5.803	5.829	5.028	4.787	4.720	5.078	5.096	5.110	4.921	18
19	4.896	4.871	4.778	5.770	5.837	5.025	4.786	4.724	5.085	5.085	5.126	4.926	19
20	4.886	4.881	4.783	5.072	5.885	5.021	4.771	4.713	5.083	5.072	5.184	4.928	20
21	4.889	4.848	4.767	5.348	5.782	5.015	4.751	4.708	5.040	5.051	5.230	4.924	21
22	4.907	4.883	4.778	5.747	5.880	5.007	4.734	4.711	5.025	5.044	5.522	4.908	22
23	4.917	4.880	4.782	7.028	5.808	4.984	4.734	4.710	5.011	5.088	5.926	4.900	23
24	4.823	4.864	4.808	7.200	5.644	4.978	4.738	4.722	---	5.186	6.280	4.849	24
25	4.933	4.871	4.817	7.182	5.512	4.984	4.756	4.724	---	5.233	6.303	4.732	25
26	4.933	4.886	4.835	7.002	5.478	4.950	4.782	4.732	---	5.253	6.183	4.708	26
27	4.933	4.882	4.883	6.772	5.452	4.949	4.767	4.754	---	5.286	5.998	4.731	27
28	4.824	4.854	4.889	6.532	5.416	4.951	4.747	4.756	---	5.276	5.825	4.780	28
29	4.905		4.935	6.288	5.380	---	4.756	4.751	4.953	5.306	5.672	4.785	29
30	4.900		4.957	6.073	5.345	---	4.770	4.742	4.927	5.386	5.548	4.780	30
31	4.905		4.966		5.318		4.777	4.716		5.532		4.694	31
MEAN	4.885	4.880	4.846	6.060	5.731	---	---	4.755	---	5.183	5.518	5.008	MEAN
MAX	4.933	4.957	4.966	7.200	5.970	---	---	4.813	---	5.532	6.303	5.452	MAX
MIN	4.722	4.848	4.783	5.013	5.318	---	---	4.706	---	4.936	5.110	4.694	MIN

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MAXIMUM DAILY, 7.200 ON APR 24
MINIMUM DAILY, 4.694 ON DEC 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT N
LONG W

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

EAGLE RIVER ABOVE FALLS - STATION NO 03OC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	47.08	36.78	31.78	38.28	556	412	183	148	126	100E	235	122 B	1
2	46.58	36.58	31.58	40.08	539	436	176	148	121	114A	216	118 B	2
3	46.08	36.38	31.38	42.18	511	437	172	147	122	194	202	114 B	3
4	45.78	36.18	31.18	44.08	471	419	167	145	120	279	1958	112 B	4
5	45.58	35.98	31.08	46.58	436	400	157	146	121	335	1878	109 B	5
6	44.88	35.78	30.98	49.08	421	381	149	154	122	414	1788	107 B	6
7	44.38	35.58	30.88	50.58	478	367	144	160	116	473	1728	103 B	7
8	44.08	35.28	30.78	54.28	581	368	138	163	112	482	1688	101 B	8
9	43.88	35.08	30.58	54.38	617	378	135	155	109	466	1628	98.08	9
10	43.58	34.88	30.38	52.08	670	387	133	147	104	490	1588	97.08	10
11	42.98	34.68	30.18	47.58	805	425	131	142	102	482	1528	95.28	11
12	42.48	34.48	30.08	72.58	887	480	133	139	103	430	1488	93.18	12
13	42.18	34.28	29.98	78.08	920	480	136	138	104	389	1448	91.08	13
14	41.88	34.08	29.68	84.08	947	528	180	137	105	367	1398	88.08	14
15	41.78	33.98	29.78	90.08	918	528	184	133	105	337	1378	87.58	15
16	41.48	33.68	29.68	93.08	870	515	178	131	107	312	1348	88.08	16
17	40.98	33.48	29.58	95.08	845	496	173	129	107	288	1288	84.58	17
18	40.58	33.28	29.48	97.08	837	469	174	127	111	276	1278	83.58	18
19	40.28	33.18	29.38	100 B	807	423	178	125	112	262	1238	81.58	19
20	39.98	33.08	29.48	131 B	733	388	178	126	112	258	1218	80.28	20
21	39.78	32.98	29.58	188 B	656	385	182	126	108	259	1208	78.08	21
22	39.48	32.88	29.88	270 B	571	338	178	128	106	254	1288	77.58	22
23	39.08	32.78	30.08	356 B	512	310	187	133	104	248	1338	76.08	23
24	38.88	32.68	30.38	480 B	467	282	180	133	101	245	1388	75.18	24
25	38.98	32.28	30.98	630 B	433	260	159	131	100 A	228	1478	73.88	25
26	38.18	32.08	31.38	746	425	248	158	130	98.0E	214	1438	72.78	26
27	37.98	31.98	32.18	695	423	230	154	130	98.0E	218	1388	71.58	27
28	37.78	31.88	33.18	658	408	212	152	131	95.0E	219	1338	70.58	28
29	37.48		34.28	623	400	200	148	132	94.0E	218	1288	69.88	29
30	37.18		35.18	593	402	192	152	130	95.0E	218	1268	68.58	30
31	36.98		36.78		400		152	127		228		67.58	31
TOTAL	1 285.5	953.8	969.5	5 842.8	18 957	11 334	4 804	4 270	3 247.0	9 338	4 563	2 755.4	TOTAL
MEAN	41.5	34.1	31.0	221	812	378	155	138	108	301	152	88.9	MEAN
MAX	47.0	36.7	36.7	746	947	529	183	163	126	498	238	122	MAX
MIN	36.9	31.8	29.3	38.2	400	192	131	126	94.0	100	120	67.6	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 180
MAXIMUM DAILY, 947 ON MAY 14
MINIMUM DAILY 28.38 ON MAR 19
MAXIMUM INSTANTANEOUS
952 AT 12 17 AST ON MAY 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 53 32 03 N
LONG 57 29 42 W
DRAINAGE AREA 10 800 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	111 000	JUL	424 000
FEB	82 400	AUG	389 000
MAR	82 800	SEP	281 000
APR	574 000	OCT	807 000
MAY	1 840 000	NOV	394 000
JUN	979 000	DEC	238 000

TOTAL DISCHARGE, 5 980 000 dam³

EXPLOITS RIVER AT GRAND FALLS - STATION NO. 02YD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	75.3	81.7	57.8	214	226	179	168	169	80.9	46.6	197	186	1
2	78.7	85.4	54.4	268	231	186	171	169	80.9	42.8	172	189	2
3	71.1	71.4	46.4	331	231	188	167	166	86.9	44.7	138	181	3
4	73.8	71.1	51.8	479	206	200	167	162	85.2	85.5	121	172	4
5	82.1	72.2	50.1	595	183	188	166	175	78.7	88.8	112	177	5
6	78.7	71.4	48.7	572	172	184	167	169	75.3	96.3	121	200	6
7	70.8	70.2	46.2	510	176	182	165	166	84.8	110	187	195	7
8	73.3	71.8	46.2	419	187	181	165	162	89.1	119	147	176	8
9	82.1	71.1	46.2	480	269	184	166	165	72.5	121	130	129	9
10	80.1	71.9	44.7	544	282	178	166	163	84.3	115	102	161	10
11	75.3	72.5	43.3	481	328	179	165	159	89.4	103	89.8	172	11
12	76.2	77.6	40.5	428	331	174	168	163	84.6	103	141	172	12
13	87.6	78.7	40.5	398	331	178	167	171	84.3	102	149	176	13
14	84.7	83.0	41.9	411	300	178	168	167	80.3	97.4	180	177	14
15	86.4	78.7	40.5	419	272	179	163	168	81.2	85.1	170	168	15
16	79.3	81.8	41.9	484	282	178	164	167	82.0	91.5	141	172	16
17	72.5	75.9	40.5	492	229	178	166	163	74.5	90.3	151	180	17
18	63.0	74.2	43.3	515	231	178	165	153	88.5	88.1	168	175	18
19	55.6	71.6	46.7	574	232	178	163	160	83.1	90.3	175	138	19
20	71.1	70.5	85.7	782	212	174	165	159	80.3	91.2	167	155	20
21	69.1	70.8	79.5	725	215	180	166	148	86.0	88.9	169	150	21
22	65.0	65.7	85.1	681	202	175	168	144	87.8	81.2	317	143	22
23	65.8	65.1	112	657	206	178	166	138	86.5	112	388	178	23
24	66.2	62.3	118	584	205	174	166	133	83.2	119	281	178	24
25	70.2	63.7	131	442	207	177	164	136	81.5	116	181	143	25
26	64.5	60.8	138	354	181	172	166	135	82.7	112	143	135	26
27	65.1	60.0	136	261	180	172	164	132	84.7	119	128	169	27
28	65.4	58.3	151	237	180	179	166	121	81.8	116	183	134	28
29	61.2		160	219	180	169	167	108	81.8	114	165	137	29
30	64.0		168	202	177	170	171	105	49.6	132	172	137	30
31	61.7		168		182		170	104		169		161	31
TOTAL	2 229.9	1 989.8	2 420.0	13 645	7 017	5 375	5 153	4 857	1 981.6	3 089.5	5 082.8	5 134	TOTAL
MEAN	71.9	70.3	78.1	482	226	179	166	160	85.4	99.0	169	166	MEAN
MAX	87.6	83.0	168	782	331	200	171	175	80.9	169	396	200	MAX
MIN	53.0	58.3	40.5	202	172	169	163	104	49.6	42.8	89.8	129	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 159
MAXIMUM DAILY, 782 ON APR 20
MINIMUM DAILY, 40.5 ON MAR 12

DATA CONTRIBUTED BY -
PRICE (NEWFOUNDLAND) PULP AND PAPER COMPANY LTD

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 48 55 50 N
LONG 55 40 07 W
DRAINAGE AREA, 8 390 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	193 000	JUL	445 000
FEB	170 000	AUG	402 000
MAR	209 000	SEP	189 000
APR	1 200 000	OCT	265 000
MAY	606 000	NOV	437 000
JUN	484 000	DEC	444 000

TOTAL DISCHARGE, 5 000 000 dam³

EXPLOITS RIVER BELOW NOEL PAULS BROOK - STATION NO 02YD011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	61.88	50.68	36.68	2088	169	186	186	186	86.8	84.5	144	186	1
2	63.08	52.28	37.28	2348	178	191	183	185	88.3	81.8	120	170	2
3	57.08	57.08	36.68	241	185	200	179	181	83.2	83.5	107	171	3
4	56.08	59.68	35.78	312	167	196	178	181	80.0	86.7	92.1	182	4
5	56.08	59.38	35.18	371	150	198	177	186	77.5	88.3	88.2	181	5
6	61.08	56.69	34.28	328	148	195	175	183	71.0	86.3	108	188	6
7	57.88	56.18	33.68	260	153	190	178	186	84.2	105	124	185	7
8	60.08	58.28	33.18	248	205	188	178	184	71.2	108	110	140	8
9	66.08	58.88	32.48	280	288	187	177	180	71.2	105	89.3	136	9
10	63.58	58.68	32.18	318	288	186	178	181	87.7	103	88.8	148	10
11	62.58	62.08	31.88	282	308	186	177	189	88.3	101	90.9	148	11
12	66.08	66.08	31.48	286	323	188	178	189	85.6	98.6	152	152	12
13	71.88	68.98	31.08	301	319	188	177	187	83.3	86.6	144	150	13
14	70.08	66.28	30.88	307	308	188	178	187	84.5	81.9	129	147	14
15	72.08	64.88	30.48	318	284	185	178	181	83.2	81.0	107	148	15
16	65.08	68.88	30.18	373	248	183	178	181	82.4	87.9	122	150	16
17	64.08	63.08	40.88	386	235	180	178	143	82.5	84.3	126	157	17
18	48.18	60.08	66.08	393	229	184	178	139	80.9	84.2	130	152	18
19	44.18	57.08	86.88	823	228	191	178	134	88.6	83.9	127	153	19
20	50.58	54.18	79.58	818E	221	188	184	131	88.6	83.0	126	183	20
21	54.08	52.08	89.88	858E	215	185	178	135	87.4	81.1	133	180	21
22	54.18	50.08	100 B	853E	211	184	174	131	87.3	86.8	318	169	22
23	54.58	48.28	106 B	847E	207	186	172	128	87.1	103	324	165	23
24	55.08	46.68	118 B	850	204	183	178	121	86.1	107	185	161	24
25	55.08	45.08	126 B	336	198	182	178	127	86.9	104	138	148	25
26	53.08	43.58	135 B	346	188	178	171	133	87.8	105	101	1438	26
27	51.88	42.18	143 B	181	186	180	170	118	88.8	110	107	1398	27
28	53.18	40.58	154 B	178	191	184	169	111	88.8	107	139	1388	28
29	50.58		166 B	181	183	182	171	108	88.7	107	136	1338	29
30	50.28		178 B	150	182	180	178	103	85.3	127	144	1318	30
31	51.68		182 B		188		170	89.0		148		1388	31
TOTAL	1 784.7	1 570.3	2 266.7	9 884	8 773	5 805	5 470	4 444.0	1 988.8	2 878.2	4 027.4	4 880	TOTAL
MEAN	57.8	56.1	73.6	332	218	187	176	143	86.6	92.8	134	161	MEAN
MAX	72.0	68.8	182	618	323	200	188	188	86.6	148	324	171	MAX
MIN	44.1	40.6	30.1	150	148	178	169	89.0	85.3	81.8	83.8	139	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 141
MAXIMUM DAILY, 818E ON APR 20
MINIMUM DAILY, 30.1B ON MAR 16
MAXIMUM INSTANTANEOUS,
835E AT 05:25 NST ON APR 20

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 50 27 N
LONG 55 18 33 W
DRAINAGE AREA, 8 300 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	185 000	JUL	473 000
FEB	132 000	AUG	384 000
MAR	193 000	SEP	170 000
APR	880 000	OCT	248 000
MAY	585 000	NOV	388 000
JUN	464 000	DEC	404 000

TOTAL DISCHARGE, 4 450 000 dam³

REMARKS - THE "E" FOR DISCHARGES ABOVE 542 m³/s IS DUE TO STAGE DISCHARGE CURVE EXTENSION

NEWFOUNDLAND AND LABRADOR

EXPLOITS RIVER BELOW STONY BROOK - STATION NO. 02YD005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	112	90.7	82.1	288	288E	258	233	213	125	70.5	243	248	1
2	114	88.8	78.4	338	278E	258	234	211	121	70.7	235	271	2
3	102	104 E	76.4	421	284E	278	227	206	119	85.0	198	271	3
4	108	104 E	73.9	803	285E	262	224	203	115	75.5	187	255	4
5	118	107 E	78.6	888	240E	265	230	209	111	118	189	247	5
6	111	103 E	72.3	680	220E	269	216	209	108	149	172	275	6
7	108	104 E	86.1	785	241E	258	222	210	92.2	182	227	282	7
8	104	105 E	86.1	848	290E	265	220	205	88.5	177	222	283	8
9	122 A	104 E	87.2	834	360E	253	214	206	105	172	205	198	9
10	118 E	105 E	87.6	763	420E	252	218	205	98.3A	165	188	187	10
11	112 E	108 E	84.5	845	440E	247	214	203	88.0	158	131	231	11
12	120 E	111 E	83.5	587	480E	249	219	197	93.3	151	191	243	12
13	131 E	118 E	83.7	527	444E	249	219	203	91.5	146	275	247	13
14	126 E	123 E	81.1	525	425E	257	216	211	88.8	143	280	232	14
15	129 E	118 E	80.8	542	400E	248	219	207	86.8	137	248	227	15
16	120 A	123 E	80.0	523	380E	253	217	201	85.8	132	188	223	16
17	105	113 E	81.4	646	325E	251	218	195	88.8	126	145	265	17
18	85.8	108 E	84.4	850	321E	248	218	190	90.8	118	235	284	18
19	78.8	105 E	85.8	840	319E	250	218	188	87.8	130	248	242	19
20	81.8	105 E	87.1	1 080	318E	251	223	190	88.1	121	233	218	20
21	86.8	103 E	107	985	302E	248	222	178	82.8	117	228	204	21
22	96.7	96.0E	126	926	298E	238	217	180	80.8	122	386	218	22
23	97.2	95.0E	142	892	292E	245	212	173	78.8	156	582	232	23
24	97.2	92.0E	161	788	281E	241	215	167	78.4	173	417	230	24
25	97.8	88.9A	174	813	271E	242	216	165	78.7	186	307	219	25
26	93.5	88.1	185	804	261E	230	216	165	75.5	182	244	178	26
27	90.9	84.2	193	387	260A	228	208	158	75.7	185	211	185	27
28	95.4	83.8	211	343	258	234	207	152	74.3	183	228	178	28
29	88.7		238	312	257	238	207	143	73.5	180	234	169	29
30	89.1		261	286A	248	231	213	138		180		195	30
31	90.4		277		255		213	135		228			31
TOTAL	3 244.0	2 882.5	3 485.0	18 830	9 635	7 504	6 759	5 805	2 782.8	4 372.7	7 189	7 120	TOTAL
MEAN	105	103	111	631	311	250	218	187	92.1	141	240	230	MEAN
MAX	131	123	277	1 080	480	283	234	213	125	228	582	283	MAX
MIN	78.8	83.8	80.0	286	220	229	207	135	73.5	85.0	131	178	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 218
MAXIMUM DAILY, 1 080 ON APR 20
MINIMUM DAILY, 80.0 ON MAR 18
MAXIMUM INSTANTANEOUS
1 080 AT 05:56 NST ON APR 20

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 55 27 N
LONG 55 39 28 W
DRAINAGE AREA, 6 640 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	280 000	JUL	584 000
FEB	249 000	AUG	502 000
MAR	288 000	SEP	238 000
APR	1 640 000	OCT	378 000
MAY	832 000	NOV	632 000
JUN	648 000	DEC	615 000

TOTAL DISCHARGE, 6 890 000 dam³

GANDER RIVER AT BIG CHUTE - STATION NO 02YD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	43.0	37.08	54.8	285	249	83.5	30.5	10.4	4.70	10.2	80.1	139	1
2	42.18	39.58	53.5	312	248	89.4	28.9	10.2	4.96	12.3	70.9	135	2
3	41.58	43.58	51.2	386	238	87.0	28.0	9.09	4.78	10.1	78.7	127	3
4	40.58	46.4	50.08	540	222	84.9	26.8	8.77	4.24	12.3	80.8	130	4
5	40.08	48.9	48.58	699	204	81.1	26.7	9.03	3.80	14.2	81.3	127	5
6	42.4	52.9	47.28	758	188	47.2	24.1	8.17	4.25	16.3	85.0	137	6
7	42.9	55.8	44.8	744	173	44.1	22.6	7.84	3.78	21.6	98.1	151	7
8	43.2	57.0	43.4	708	158	41.5	20.8	7.83	4.73	25.2	116	167	8
9	41.8	58.0	42.4	686	142	39.2	20.5	7.80	4.88	28.2	123	169	9
10	41.8	57.8	41.1	702	134	37.7	19.8	7.30	4.47	29.8	123	161	10
11	42.8	55.1	39.58	689	131	36.1	18.7	7.03	4.49	30.8	119	153	11
12	44.8	52.0	38.38	639	148	35.8	19.2	6.46	4.54	30.3	117	148	12
13	46.1	85.4	36.4	565	154	37.0	18.5	5.69	4.49	30.4	124	140	13
14	44.8	86.5	34.9	494	153	38.0	17.8	5.50	4.88	30.7	148	134	14
15	43.7	73.8	34.1	441	146	38.3	17.8	5.51	5.37	30.8	158	130	15
16	43.0	75.5	34.7	477	138	37.1	17.8	5.25	5.19	28.0	158	128	16
17	42.3	74.8	36.3	518	131	36.1	18.8	5.35	5.33	26.4	152	117	17
18	41.7	73.8	38.7	511	128	35.2	18.6	5.84	5.32	26.2	146	108	18
19	41.0	71.8	43.9	534	126	33.8	18.2	7.42	5.83	26.7	138	104	19
20	39.2	68.8	52.2	591	123	34.8	18.3	8.23	7.00	27.8	134	86.8	20
21	38.8	67.2	68.0	580	118	33.8	14.8	8.08	7.84	27.7	131	80.8	21
22	37.8	65.2	84.1	557	113	33.7	14.8	7.88	8.34	27.5	132	85.5	22
23	37.0	62.7	133	528	108	34.5	14.3	7.30	8.84	27.0	138	78.8	23
24	36.1	60.3	152	478	103	35.5	13.6	6.77	9.21	26.9	162	78.2	24
25	36.1	59.1	177	418	97.6	36.3	13.4	6.73	9.14	27.6	189	71.4	25
26	38.0	58.7	194	374	90.6	34.7	13.0	6.84	9.12	30.0	183	67.8	26
27	38.18	58.6	206	338	85.6	34.1	13.7	6.32	8.38	30.8	174	63.6	27
28	37.98	57.0	217	302	81.0	32.7	13.5	6.14	8.37	32.7	159	60.1	28
29	37.18		232	274	76.3	31.2	11.8	6.12	8.40	34.1	147	56.6	29
30	36.98		254	252	71.0	30.4	11.2	6.28	8.82	41.7	136	55.1	30
31	36.58		272		67.7		10.8	4.80		48.3		53.1	31
TOTAL	1 261.2	1 879.8	2 458.0	15 387	4 341.8	1 194.7	586.8	214.84	187.43	835.5	3 898.9	3 436.2	TOTAL
MEAN	40.7	60.0	82.2	513	140	39.8	18.3	6.92	6.25	27.0	130	111	MEAN
MAX	46.1	75.5	272	758	248	83.5	30.5	10.4	8.82	48.3	189	189	MAX
MIN	36.5	37.0	34.1	252	67.7	30.4	10.8	4.80	3.78	10.1	80.1	53.1	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 88.3
MAXIMUM DAILY 758 ON APR 6
MINIMUM DAILY 3.78 ON SEP 7
MAXIMUM INSTANTANEOUS
762 AT 14 05 NST ON APR 6

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION LAT 48 00 55 N
LONG 54 51 13 W
DRAINAGE AREA 4 400 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	788 000	JUL	49 100
FEB	145 000	AUG	18 800
MAR	247 000	SEP	16 200
APR	1 230 000	OCT	72 300
MAY	375 000	NOV	337 000
JUN	103 000	DEC	297 000

TOTAL DISCHARGE 3 700 000 dam³

GARNISH RIVER NEAR GARNISH - STATION NO. 02ZC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.00B	4.40B	1.65B	14.8	7.80	2.66	1.71	0.742	0.171E	3.86	16.9	8.83	1
2	4.70B	5.20B	1.65B	16.6	8.75	2.71	1.82	0.770	0.677	3.90	19.0	10.7	2
3	4.40B	8.60B	1.48B	31.4	10.7	2.46	1.82	0.877	0.848	5.40	17.2	15.6	3
4	4.70B	8.60B	1.41B	82.2	8.86	2.24	1.80	0.582	1.01	12.8	15.2	17.5	4
5	5.00B	11.5 B	1.39B	68.6	8.89	1.89	1.90	0.583	1.34	36.0	12.8	18.1	5
6	4.70B	10.2 B	1.30B	53.6	7.86	1.86	2.13	0.642	1.34	46.8	13.1	19.4	6
7	4.80B	9.00B	1.25B	37.6	7.04	1.81	2.01	0.582	1.56	35.5	17.5	20.6	7
8	5.00B	8.00B	1.20B	28.0	8.15	1.83	1.86	0.547	1.85	26.1	18.5	18.8	8
9	7.70B	7.30B	1.18B	24.8	9.71	1.55	1.83	0.543	1.74	20.3	19.1	16.5	9
10	9.00B	6.80B	1.13B	22.5	8.15	1.38	1.81	0.487	1.78	17.4	16.6	12.8	10
11	8.00B	7.30B	1.09B	20.7	8.38	1.15	1.90	0.388	1.84	15.6	17.8	10.7	11
12	9.20B	7.70B	1.07B	18.1	14.3	1.23	1.83	0.383	1.51	13.8	19.4	10.0	12
13	10.4 B	7.20B	1.04B	15.0	15.5	1.43	1.87	0.307	1.48	11.4	20.3	8.86	13
14	8.80B	6.50B	1.01B	12.7	13.6	1.80	1.84	0.283	1.43	9.61	20.4	9.04	14
15	8.50B	5.70B	1.00B	11.7	11.5	2.27	1.83	0.228	3.46	7.92	18.9	8.84	15
16	7.00B	5.00B	1.50B	12.3	9.65	2.95	1.46	0.186	4.31	8.69	16.0	8.49	16
17	8.10B	4.50B	2.30B	12.8	8.39	3.40	1.42	0.184	7.06	9.76	12.8	7.70B	17
18	9.20B	4.00B	3.80B	12.8	7.80	3.58	1.34	0.184	14.7	8.89	10.8	7.00B	18
19	8.80B	3.55B	5.50B	11.7	7.28	3.83	1.16	0.208	18.5	8.26	9.47	6.40B	19
20	3.95B	3.25B	11.5 B	10.9	8.47	3.70	1.04	0.188	18.1	3.93	8.93	5.95B	20
21	3.40B	3.95B	25.0 B	10.3	8.00	3.86	0.823	0.152E	14.5	3.85	11.4	5.55B	21
22	3.15B	2.70B	67.0	9.93	5.67	3.37	0.863	0.148E	11.8	3.35	11.5	5.15B	22
23	3.00B	2.50B	52.1	9.34	5.46	3.22	0.845	0.148E	9.92	3.46	13.2	4.80B	23
24	4.00B	2.30B	37.1	8.86	5.24	2.87	0.488	0.155E	8.30	3.83	13.7	4.45B	24
25	5.30B	2.15B	27.9	8.32	5.11	2.73	0.588	0.192	8.85	4.31	13.0	4.15B	25
26	7.00B	1.95B	22.4	7.84	4.83	2.54	0.811	0.187	5.83	5.25	11.8	3.90B	26
27	8.80B	1.88B	18.5	8.84	4.14	2.36	0.846	0.187E	4.82	8.52	10.5	3.72B	27
28	7.40B	1.75B	16.7	8.37	3.83	2.13	0.804	0.173E	4.30	12.8	8.11	3.45B	28
29	8.40B		17.4	8.16	3.83	1.99	0.833	0.178	3.78	12.9	8.04	3.24B	29
30	8.80B		17.4	8.77	3.42	1.87	0.875	0.181	3.80	16.1	7.16	3.08B	30
31	8.00B		18.0		3.02		0.804	0.178		16.7		2.92B	31
TOTAL	187.50	150.32	361.20	550.85	233.96	72.45	41.082	10.524	158.824	385.56	434.91	284.32	TOTAL
MEAN	6.05	5.37	11.7	18.4	7.55	2.42	1.32	0.339	5.29	12.4	14.5	9.17	MEAN
MAX	10.4	11.5	67.0	82.2	15.5	3.70	2.13	0.770	18.5	46.8	20.4	20.6	MAX
MIN	3.00	1.75	1.00	5.16	3.02	1.15	0.488	0.148	0.171	3.35	7.16	2.92	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.85
MAXIMUM DAILY, 82.2 ON APR 5
MINIMUM DAILY, 0.148E ON AUG 22
MAXIMUM INSTANTANEOUS,
73.9 AT 04:28 NST ON APR 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 12 50 N
LONG 55 19 45 W
DRAINAGE AREA, 205 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	16 200	JUL	3 550
FEB	13 000	AUG	908
MAR	31 300	SEP	13 700
APR	50 200	OCT	33 300
MAY	20 300	NOV	37 600
JUN	6 280	DEC	24 600

TOTAL DISCHARGE, 251 000 dam³

REMARKS - THE "E" FOR DISCHARGES BELOW 0.174 m³/s IS DUE TO STAGE DISCHARGE CURVE EXTENSION

GLIDE BROOK BELOW GLIDE LAKE - STATION NO. 02YK007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.80 B	0.218B	0.400B	1.00B	6.41	0.725	0.288	0.033E	0.164	0.288	4.60E	1.84	1
2	1.45 B	0.209B	0.365B	1.18B	7.10	0.867	0.236	0.088E	0.236	0.539	3.80E	1.78	2
3	1.25 B	0.200B	0.385B	1.43B	6.48	0.638	0.232	0.090E	0.321	0.479	3.30E	1.80	3
4	1.15 B	0.195B	0.380B	1.78B	5.89	0.843	0.204	0.088E	0.321	0.830	2.80E	1.81	4
5	1.09 B	0.190B	0.334B	2.15B	4.95	0.620	0.208	0.100	0.323	2.26	2.37E	1.72	5
6	0.990B	0.184B	0.320B	2.40B	4.70	0.533	0.208	0.088E	0.328	2.91	2.65A	1.78	6
7	0.910B	0.180B	0.309B	3.70B	5.38	0.486	0.216	0.083E	0.304	2.73	4.37	1.83	7
8	0.850B	0.175B	0.287B	5.00B	5.84	0.495	0.188	0.070E	0.298	3.32	4.55	1.88	8
9	0.770B	0.184B	0.283B	6.40B	7.29	0.487	0.189	0.063E	0.614	1.90	3.91	1.77	9
10	0.720B	0.220B	0.275B	8.99B	8.36	0.444	0.184	0.070E	0.577	1.80	3.28	1.80	10
11	0.680B	0.280B	0.264B	7.80B	5.28	0.485	0.134	0.068E	0.980	1.18	2.88	1.43	11
12	0.620B	0.322B	0.265B	6.40B	4.46	0.459	0.148	0.064E	0.888	1.01	2.33	1.34	12
13	0.580B	0.313B	0.249B	5.70B	4.00	0.476	0.135	0.063E	0.774	0.936	2.34	1.31	13
14	0.540B	0.302B	0.243B	4.90B	3.68	0.457	0.124	0.068E	0.634	0.686	2.57	1.22 B	14
15	0.510B	0.293B	0.229B	4.25B	3.03	0.430	0.116	0.073E	0.587	0.868	2.81	1.15 B	15
16	0.480B	0.283B	0.230B	4.40B	2.43	0.483	0.105	0.070E	0.554	0.683	2.33	1.08 B	16
17	0.450B	0.273B	0.223B	5.80B	3.10	0.479	0.093E	0.088E	0.500	0.653	2.04	1.04 B	17
18	0.420B	0.265B	0.219B	7.20B	3.84	0.488	0.102	0.081E	0.384	0.626	1.88	1.00 B	18
19	0.385B	0.258B	0.215B	9.00B	3.28	0.451	0.086E	0.181	0.349	0.640	3.83	0.980B	19
20	0.378B	0.250B	0.238B	11.9 B	2.79	0.410	0.080E	0.238	0.351	0.703	5.68	0.920B	20
21	0.380B	0.245B	0.280B	14.9 B	2.24	0.378	0.088E	0.283	0.343	0.764	5.83	0.880B	21
22	0.336B	0.238B	0.265B	16.5 B	1.83	0.388	0.084E	0.318	0.324	0.897	12.9	0.850B	22
23	0.320B	0.232B	0.315B	13.6 B	1.58	0.330	0.081E	0.301	0.311	2.88	6.49	0.810B	23
24	0.300B	0.230B	0.350B	11.3 B	1.80	0.342	0.068E	0.310	0.287	3.56	7.33	0.780B	24
25	0.265B	0.213B	0.390B	8.70B	1.30	0.349	0.083E	0.287	0.285	3.21	7.00	0.760B	25
26	0.278B	0.500B	0.420B	8.40B	1.16	0.349	0.088E	0.288	0.289	2.73	5.17	0.730B	26
27	0.265B	0.480B	0.490B	7.40B	1.04	0.381	0.088E	0.284	0.283	2.47	4.19	0.710B	27
28	0.253B	0.445B	0.580B	8.40A	0.958	0.347	0.080E	0.253	0.308	2.28	3.25	0.690B	28
29	0.243B		0.640B	6.91	0.853	0.335	0.033E	0.265	0.280	2.35 A	2.58	0.670B	29
30	0.233B		0.740B	4.80	0.804	0.319	0.028E	0.215	0.335	4.20 E	2.08	0.650B	30
31	0.225B		0.680B		0.785		0.027E	0.198		4.80 E		0.630B	31
TOTAL	18.884	7.764	10.999	196.08	110.817	13.043	3.881	4.888	13.184	64.181	120.80	37.830	TOTAL
MEAN	0.612	0.277	0.355	6.83	3.58	0.435	0.119	0.151	0.440	1.78	4.03	1.21	MEAN
MAX	1.80	0.813	0.880	16.5	7.28	0.725	0.288	0.318	0.977	4.80	12.9	1.91	MAX
MIN	0.225	0.175	0.215	1.00	0.785	0.219	0.027	0.033	0.164	0.288	1.88	0.630	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.63
MAXIMUM DAILY, 16.5E ON APR 22
MINIMUM DAILY, 0.027E ON JUL 31

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 08 50 N
LONG 57 32 08 W
DRAINAGE AREA, 112 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 840	JUL	316
FEB	871	AUG	403
MAR	880	SEP	1 140
APR	17 200	OCT	4 880
MAY	8 880	NOV	10 600
JUN	1 130	DEC	3 240

TOTAL DISCHARGE, 61 400 dam³

REMARKS - THE "E" FOR DISCHARGES BELOW 0.098 m³/s IS DUE TO STAGE DISCHARGE CURVE EXTENSION

GRANDY BROOK BELOW TOP POND BROOK - STATION NO. 02ZC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.808	3.308	1.06 B	8.89	50.3	3.57	4.14	3.04	1.83	5.83	40.0	30.7	1
2	5.808	8.72	1.03 B	58.4	23.4	3.20	2.82	8.80	70.1	73.8	13.8	50.7	2
3	8.808	13.0	1.00 B	105	24.0	2.89	1.93	4.19	20.4	14.8	8.21	19.4	3
4	9.708	10.6	0.9908	100	24.8	2.43	1.52	2.85	7.22	113	8.78	10.8	4
5	7.908	7.78	0.9508	83.6	24.1	2.14	1.45	2.82	4.82	144	5.88	10.3	5
6	8.208	8.22	0.9308	87.7	27.2	1.86	1.44	2.26	3.89	26.4	72.3	31.6	6
7	9.408	8.13	0.9008	46.0	81.1	3.26	1.23	1.74	3.08	14.5	19.1	14.8	7
8	20.0 B	4.35	0.8988	87.6	46.3	4.81	1.01	1.46	3.19	12.0	7.78	8.42	8
9	15.0 B	4.40	0.8688	83.0	26.3	3.53	0.887	1.25	3.80	14.9	5.71	8.208	9
10	11.4 B	8.10	0.8308	46.1	23.9	5.12	0.988	1.39	3.18	10.7	4.88	5.108	10
11	9.008	41.6	0.8008	24.7	32.0	4.84	0.933	1.42	2.83	8.38	3.48	4.508	11
12	7.808	33.2	0.7888	17.1	19.3	4.55	0.880	1.28	2.21	8.78	11.4	4.108	12
13	8.408	8.73	0.7758	12.3	22.8	54.3	0.872	1.09	1.89	5.48	83.8	3.808	13
14	5.808	3.80	0.7608	10.4	15.3	14.1	0.834	0.918	1.77	4.83	17.5	3.508	14
15	5.088	2.808	0.7508	43.3	12.8	7.05	0.888	0.833	30.6	4.24	9.84	3.308	15
16	4.708	2.408	0.7308	34.7	80.5	7.15	1.88	0.753	13.3	3.73	5.12	3.108	16
17	4.408	2.208	0.7208	21.1	38.3	5.88	1.48	0.754	6.17	3.18	5.41	2.908	17
18	4.158	2.058	0.7008	21.7	18.8	4.31	1.03	0.826	7.20	2.94	5.52	2.758	18
19	3.808	1.988	4.00 B	87.8	11.5	3.41	0.883	1.18	4.87	13.8	19.8	2.858	19
20	3.708	1.788	28.4 B	51.0	8.44	3.02	0.740	1.04	3.83	7.84	9.08	2.858	20
21	3.508	1.808	24.5 B	51.4	7.88	2.82	0.6088	2.37	2.88	28.8	122	2.458	21
22	3.308	1.808	22.8	83.8	7.75	2.20	0.5818	5.62	2.83	58.0	116	2.388	22
23	3.208	1.608	12.4	37.4	8.08	1.87	0.572E	52.1	2.48	27.8	24.0	2.308	23
24	4.808	1.388	8.87	33.1	8.00	1.72	0.515E	24.8	4.04	10.8	15.6	2.248	24
25	8.408	1.288	8.08	32.3	4.83	1.78	0.848	8.30	4.86	7.81	13.8	2.198	25
26	8.008	1.208	8.84	30.3	4.20	1.88	1.71	8.45	3.81	33.4	10.5	2.128	26
27	6.808	1.188	8.45	13.8	3.88	1.40	8.17	4.50	4.32	16.1	8.89	2.058	27
28	5.808	1.188	21.0	10.8	3.88	1.18	5.58	4.28	3.99	9.28	8.11	2.008	28
29	4.708		17.8	11.5	3.71	14.0	3.08	3.45	3.16	76.8	6.84	1.948	29
30	4.108		14.1	113	3.16	5.72	2.02	2.86	2.73	103	5.42	1.888	30
31	3.608		11.3		2.61		1.53	2.18		32.7		1.848	31
TOTAL	206.13	177.45	207.630	1 301.59	578.13	175.48	81.080	155.014	229.83	687.61	873.03	234.16	TOTAL
MEAN	6.65	6.34	6.70	43.4	21.8	5.85	1.85	5.00	7.66	28.6	22.4	7.55	MEAN
MAX	20.0	41.6	28.4	113	80.5	54.3	8.17	52.1	70.1	144	132	50.7	MAX
MIN	3.20	1.18	0.700	8.89	2.61	1.18	0.515	0.753	1.77	2.94	3.48	1.84	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.6
MAXIMUM DAILY, 144 ON OCT 5
MINIMUM DAILY, 0.515E ON JUL 24
MAXIMUM INSTANTANEOUS,
427E AT 22.45 NST ON OCT 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 51 27 N
LONG 57 44 00 W
DRAINAGE AREA, 230 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	17 800	JUL	6 810
FEB	15 300	AUG	13 800
MAR	17 900	SEP	18 900
APR	112 000	OCT	78 700
MAY	58 800	NOV	88 100
JUN	15 200	DEC	20 200

TOTAL DISCHARGE, 430 000 dam³

REMARKS - THE "E" FOR DISCHARGES BELOW 0.720 m³/s IS DUE TO STAGE DISCHARGE CURVE EXTENSION

GREAT RATTLING BROOK ABOVE TOTE RIVER CONFLUENCE - STATION NO. 02YD006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.558	16.0 B	6.738	82.18	88.1	5.84	3.35	0.318	0.336	1.80	30.9	14.6	1
2	6.008	24.0 B	5.888	86.08	57.8	5.58	3.12	0.308	0.349	2.11	98.4	21.3	2
3	7.408	31.8 B	4.588	183 B	43.0	5.47	2.87	0.220	0.352	2.43	23.7	26.6	3
4	7.958	26.8 B	4.188	250	32.9	5.20	2.40	0.238	0.345	4.36	20.6	23.2	4
5	13.2 B	24.1 B	3.908	276	26.2	4.76	2.11	0.197	0.308	13.7	17.4	20.3	5
6	10.7 B	20.6 B	3.598	197	21.6	4.36	1.80	0.201	0.347	27.0	18.3	31.5	6
7	8.808	16.6 B	3.398	140	18.1	3.77	1.62	0.188	0.331	20.4	37.6	47.8	7
8	11.8 B	18.7 B	3.218	121	17.0	3.68	1.53	0.141	0.588	16.4	35.0	38.8	8
9	14.0 B	15.0 B	3.008	132	16.4	3.77	1.62	0.130	0.636	16.1	27.2	22.6	9
10	17.8 B	20.5 B	2.878	132	15.4	3.68	1.45	0.132	0.858	13.8	21.8	18.9 B	10
11	15.0 B	27.6 B	2.718	106	25.2	3.70	1.21	0.111	1.23	12.1	18.6	16.4 B	11
12	11.8 B	32.0 B	2.628	76.8	48.4	3.87	1.04	0.100	1.49	10.3	17.0	14.6 B	12
13	8.368	28.6 B	2.518	58.2	36.6	3.88	0.972	0.088	1.28	8.32	34.8	13.6 B	13
14	6.848	23.2 B	2.488	43.6	27.2	4.23	0.830	0.090	1.01	8.28	88.6	18.0 B	14
15	5.698	18.9 B	2.388	88.8	21.4	4.84	0.712	0.116	1.04	7.88	44.4	14.0 B	15
16	4.448	15.0 B	2.798	148	17.0	8.05	0.878	0.101	1.24	6.84	30.4	13.1 B	16
17	3.858	12.4 B	3.218	117	18.6	9.48	0.889	0.087	1.32	8.47	17.0	13.2 B	17
18	3.318	9.788	3.678	82.6	25.2	8.56	0.884	0.093	2.07	6.01	28.0	11.6 B	18
19	3.008	8.008	7.808	188	22.3	7.13	0.470	0.320	8.74	8.03	22.4	11.1 B	19
20	2.718	6.398	13.4 B	313	16.4	8.18	0.413	0.321	8.57	8.06	19.6	10.3 B	20
21	2.518	5.218	26.0 B	138	15.4	8.85	0.382	0.375	5.18	8.20	20.7	9.888	21
22	3.388	4.438	42.0 B	107	13.2	8.12	0.384	0.421	3.81	8.45	48.0	9.008	22
23	3.488	3.988	81.0 B	88.7	12.6	4.33	0.398	0.378	3.18	8.26	108	8.008	23
24	13.8 B	8.398	76.0 B	68.8	12.3	4.00	0.383	0.388	2.74	11.2	70.7	8.808	24
25	22.9 B	12.0 B	86.0 B	52.6	11.3	3.78	0.368	0.438	2.86	11.2	47.2	8.108	25
26	19.8 B	10.8 B	80.0 B	43.3	8.83	3.78	0.383	0.482	2.44	10.2	34.7	7.808	26
27	15.8 B	9.108	55.0 B	38.7	8.31	3.88	0.380	0.609	3.07	11.8	26.2	7.608	27
28	13.8 B	7.408	30.8 B	38.4	7.88	3.38	0.398	0.487	1.85	13.8	22.0	7.208	28
29	9.818		84.4 B	28.3	8.83	3.38	0.347	0.482	1.48	11.8	18.0	8.958	29
30	8.408		88.0 B	31.2	8.22	3.21	0.343	0.388	1.78	17.7	16.8	8.708	30
31	13.8 B		90.1 B		8.86		0.332	0.388		36.6		8.508	31
TOTAL	388.12	488.30	784.23	3 284.6	886.24	143.41	32.888	7.883	88.206	339.23	888.3	488.84	TOTAL
MEAN	9.86	16.4	25.3	110	22.3	4.78	1.06	0.257	1.87	10.8	33.3	15.7	MEAN
MAX	22.9	32.0	90.1	276	88.1	9.48	3.35	0.609	8.74	36.6	108	47.8	MAX
MIN	2.38	3.89	2.38	38.3	8.86	3.21	0.332	0.087	0.308	1.80	16.6	8.50	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 20.6
MAXIMUM DAILY, 276 ON APR 6
MINIMUM DAILY, 0.087 ON AUG 17
MAXIMUM INSTANTANEOUS,
282E AT 22.45 NST ON APR 6

TYPE OF GAUGE - RECORDING
LOCATION LAT 48 48 38 N
LONG 55 31 50 W
DRAINAGE AREA 823 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	25 800	JUL	2 850
FEB	39 700	AUG	888
MAR	87 800	SEP	4 880
APR	285 000	OCT	29 300
MAY	88 800	NOV	88 300
JUN	12 400	DEC	42 100

TOTAL DISCHARGE, 658 000 dam³

GREAVETT BROOK ABOVE PORTLAND CREEK POND - STATION NO 02YE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.6208	0.1638	0.3408	4.32	5.21	4.66	2.06	1.39	1.13	2.28	5.67	2.658	1
2	0.5408	0.1508	0.3158	5.47	5.12	4.97	2.80	1.83	3.66	5.91	5.28	2.568	2
3	0.4808	0.1478	0.2958	21.1	4.87	4.78	2.67	1.46	9.56	11.0	4.28	2.458	3
4	0.4208	0.1438	0.2808	16.3	4.08	4.60	2.73	1.35	8.24	8.70	3.85	2.408	4
5	0.3758	0.1408	0.2658	13.4	3.81	4.77	2.18	1.28	17.4	10.3	3.50	2.508	5
6	0.3358	0.1378	0.2508	13.3	3.88	5.07	1.88	1.22	13.7	13.3	4.54	3.108	6
7	0.3008	0.1338	0.2368	11.8	7.20	4.88	1.55	1.11	8.64	11.3	6.60	3.508	7
8	0.2758	0.1308	0.2258	9.91	18.0	4.82	1.33	1.01	7.28	7.83	5.56	3.058	8
9	0.2558	0.1288	0.2158	7.88	15.6	4.77	1.31	0.907	6.95	5.78	4.36	2.758	9
10	0.2358	0.1268	0.2068	9.33	11.7	4.58	1.28	0.884	5.76	5.10	3.76	2.458	10
11	0.2158	0.7008	0.1898	5.85	10.6	5.34	1.18	0.780	4.76	4.85	3.27	2.258	11
12	0.2008	0.6208	0.1808	4.68	9.53	5.41	1.06	0.742	3.74	4.83	2.87	2.09	12
13	0.5808	0.5308	0.1618	4.00	8.28	5.63	1.03	0.676	3.17	4.28	3.13	3.06	13
14	0.4308	0.4808	0.1788	3.46	8.34	5.48	1.02	0.588	2.86	4.05	2.63	3.66	14
15	0.3388	0.4308	0.1688	2.88	10.2	4.66	1.02	0.5058	2.91	3.52	2.86	3.308	15
16	0.3108	0.4008	0.1628	2.83	13.3	4.33	1.14	0.482E	3.83	3.26	3.77	2.858	16
17	0.2858	0.3758	0.1568	2.64	15.1	4.08	1.02	0.435E	5.41	2.91	7.63	3.708	17
18	0.2658	0.3508	0.1538	4.28	10.8	3.86	0.942	0.477E	5.63	2.88	4.34	2.508	18
19	0.2508	0.3208	0.2308	23.8	7.15	3.37	0.821	0.584	4.78	2.37	13.3	2.358	19
20	0.2408	0.3008	0.3008	23.3	5.01	3.37	0.744	0.884	3.81	2.39	13.5	2.208	20
21	0.2308	0.2808	0.8008	15.5	3.81	3.33	0.738	0.720	3.22	2.39	8.13	2.038	21
22	0.2208	0.2608	0.00 B	30.2	4.44	2.87	0.885	0.851	2.86	4.48	13.5	1.848	22
23	0.2108	0.2328	4.80 B	21.1	7.78	2.84	0.834	0.638	2.13	15.2	15.7	1.838	23
24	0.2008	0.3508	4.00 B	12.2	7.38	3.22	0.693	1.85	1.98	11.3	9.56	1.758	24
25	0.1958	0.9008	3.20 B	9.58	8.17	1.87	0.680	2.50	1.94	7.16	7.32	1.888	25
26	0.1878	0.4628	2.80 B	8.86	5.77	1.67	1.15	2.84	1.97	6.43	4.808	1.808	26
27	0.1808	0.4208	2.00 B	8.33	4.87	1.89	1.19	2.93	2.13	6.81	4.108	1.808	27
28	0.1758	0.3808	3.00 B	4.19	4.87	1.86	1.53	2.51	2.12	7.83	3.808	1.458	28
29	0.1848		5.00 B	3.86	6.50	1.73	1.68	3.01	2.07	8.35	3.008	1.408	29
30	0.1628		4.00 B	3.87	8.38	1.79	1.67	1.72	2.10	6.34	2.808	1.408	30
31	0.1568		3.80 B		4.38		1.46	1.43		8.84		1.338	31
TOTAL	8.033	8.787	43.142	303.30	238.50	114.29	43.338	38.185	146.31	203.58	179.59	72.35	TOTAL
MEAN	0.281	0.313	1.38	10.1	7.69	3.81	1.37	1.23	4.84	6.57	5.99	2.33	MEAN
MAX	0.820	0.700	6.00	30.2	18.0	5.63	2.87	3.93	17.4	15.3	15.7	3.88	MAX
MIN	0.156	0.126	0.193	2.64	3.81	1.86	0.693	0.435	1.13	2.26	2.86	1.33	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.83
MAXIMUM DAILY, 30.2 ON APR 22
MINIMUM DAILY, 0.1268 ON FEB 10
MAXIMUM INSTANTANEOUS,
34.9 AT 14 01 NST ON APR 22

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 09 37 N
LONG 57 34 45 W
DRAINAGE AREA, 95.7 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	780	JUL	3 880
FEB	787	AUG	3 300
MAR	3 730	SEP	12 800
APR	26 200	OCT	17 600
MAY	20 500	NOV	15 500
JUN	9 870	DEC	6 250

TOTAL DISCHARGE, 121 000 dam³

REMARKS - THE "E" FOR DISCHARGES BELOW 0.510 m³/s IS DUE TO STAGE DISCHARGE CURVE EXTENSION

GREY RIVER NEAR GREY RIVER - STATION NO 02ZD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	41.0B	13.5 B	7.40B	115	200	9.76	11.5	2.82	3.77	5.84	181	80.0E	1
2	38.0B	32.0 B	8.90B	227	134	9.44	10.3	2.81	4.35	75.6	112	175 E	2
3	36.0B	80.0 B	8.50B	488	86.3	8.57	8.03	2.84	6.25	53.5	73.6	150 E	3
4	59.0B	70.0 B	8.10B	842 E	73.7	7.82	6.81	2.43	6.05	185	58.6	115 E	4
5	47.0B	67.0 B	8.78B	821 E	64.3	7.21	6.61	3.36	5.24	454	49.1	71.0E	5
6	37.0B	45.0 B	8.80B	428	48.0	6.50	8.59	2.14 E	4.85	227	183	105 E	6
7	30.0B	36.0 B	8.20B	317	47.4	6.33	6.80	1.88 E	4.10	123	159	90.0E	7
8	47.0B	29.0 B	6.90B	378	87.5	7.25	6.85	1.65 E	4.15	76.4	108	84.0E	8
9	74.0B	24.0 B	6.63B	383	55.4	6.83	6.46	1.51 E	5.28	89.3	77.7	81.0E	9
10	64.0B	22.5 B	6.60B	289	46.6	9.00	3.88	1.43 E	5.18	57.5	60.6	61.0E	10
11	52.0B	46.0 B	6.30B	202	83.8	10.0	3.84	1.26 E	4.86	46.4	46.2	33.0B	11
12	44.0B	78.0 B	6.15B	153	108	10.1	3.44	1.10 E	4.38	37.3	62.1	30.0B	12
13	37.0B	84.0 B	5.85B	88.8	77.7	83.6	3.07	1.07 E	3.86	30.6	237	27.0B	13
14	33.0B	81.0 B	5.85B	88.6	60.1	62.5	2.81	0.9908	3.66	25.6	184	26.0B	14
15	28.0B	62.0 B	5.70B	138	45.4	34.6	2.70	0.8088	6.36	22.2	115	25.0B	15
16	24.0B	34.0 B	6.00B	221	81.8	28.4	2.67	0.7688	11.7	19.5	80.0	23.0B	16
17	22.0B	28.5 B	6.40B	153	116	24.0	2.58	0.7888	8.75	18.7	60.1	22.0B	17
18	20.0B	23.5 B	6.00B	121	83.6	20.3	2.23	0.8088	13.0	15.0	51.5	21.0B	18
19	18.0B	20.5 B	6.00B	223	83.6	17.0	1.91E	1.31 E	12.8	20.2	84.2	20.0B	19
20	17.0B	18.0 B	7.00B	273	67.6	14.9	1.88E	1.48 E	11.1	22.2	68.4	19.0B	20
21	16.0B	16.0 B	35.0 B	210	35.6	13.2	1.48E	1.82 E	9.52	21.4	300	18.0B	21
22	14.7B	14.5 B	50.0 B	208	28.4	11.8	1.38E	4.38	8.34	46.9	888 E	16.3B	22
23	14.0B	13.0 B	137 B	148	28.4	10.1	1.23E	8.14	7.81	87.5	416	17.8B	23
24	25.0B	12.0 B	100 B	108	22.0	8.81	1.17E	18.2	7.88	47.5	197	17.0B	24
25	42.0B	11.0 B	84.0 B	88.2	18.2	9.34	1.27E	12.0	7.88	37.9	128	16.5B	25
26	36.0B	10.0 B	82.0 B	75.8	16.3	9.62	1.78E	9.10	7.21	38.0	90.5	16.0B	26
27	26.5B	9.30B	73.0 B	61.4	14.8	8.56	2.55	7.48	6.87	38.3	68.8	15.3B	27
28	23.0B	8.50B	62.0 B	48.4	12.5	7.35	4.80	6.44	6.63	32.0	49.6	15.0B	28
29	19.5B		120 B	41.2	11.7	10.2	4.48	5.51	5.18	34.3	42.8A	14.5B	29
30	18.8B		150	140	10.7	12.1	3.77	5.93	5.69	347	33.5E	14.0B	30
31	18.0B		131		9.87		3.08	4.46		172		13.7B	31
TOTAL	1 017.0	808.80	1 138.73	8 805.8	1 780.57	454.90	132.41	115.988	203.08	2 468.98	4 186.4	1 372.9	TOTAL
MEAN	32.8	32.4	36.7	320	57.8	15.2	3.95	3.74	6.77	79.3	140	44.3	MEAN
MAX	74.0	80.0	150	842	200	83.6	11.5	18.2	13.0	454	888	175	MAX
MIN	14.0	8.50	3.70	41.2	9.87	8.33	1.17	0.788	3.68	8.98	33.5	13.7	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 55.6
MAXIMUM DAILY, 888E ON NOV 22
MINIMUM DAILY, 0.788E ON AUG 16
MAXIMUM INSTANTANEOUS,
1 110E AT 05 58 NST ON NOV 22

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 44 35 N
LONG 58 58 05 W
DRAINAGE AREA, 1 340 km²

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	87 900	JUL	10 800
FEB	78 300	AUG	10 000
MAR	98 200	SEP	17 800
APR	671 000	OCT	212 000
MAY	155 000	NOV	363 000
JUN	39 300	DEC	119 000

TOTAL DISCHARGE, 1 780 000 dam³

REMARKS - THE "E" FOR DISCHARGES ABOVE 683 m³/s AND BELOW 3.15 m³/s IS DUE TO STAGE DISCHARGE CURVE EXTENSION

NEWFOUNDLAND AND LABRADOR

HARRYS RIVER BELOW HIGHWAY BRIDGE - STATION NO. 02YJ001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	14.2 B	6.808	6.808	16.58	86.1	12.8	8.76	6.82	8.18	12.1	80.8	21.0	1
2	13.6 B	12.0 B	5.208	36.5	91.2	11.6	7.72	16.0	85.4	88.7	40.0	22.5	2
3	12.8 B	15.2 B	4.858	71.8	48.4	11.0	8.78	8.58	46.1	32.3	34.3	22.0	3
4	12.2 B	12.0 B	4.858	87.6	47.8	10.4	8.00	6.58	24.1	33.0	31.7	18.7	4
5	11.7 B	10.6 B	4.408	74.1	47.2	9.87	6.46	6.78	22.8	93.8	28.4	19.1	5
6	11.2 B	9.208	4.158	76.5	82.8	9.29	6.80	6.81	19.0	38.9	49.5	21.8	6
7	10.6 B	7.808	3.988	82.0	76.5	11.0	6.33	5.04	16.5	29.7	44.6	28.3	7
8	13.8 B	7.108	3.788	86.0	72.8	11.2	5.15	4.87	22.1	24.8	35.8	21.2	8
9	13.5 B	6.108	3.678	87.7	68.8	9.43	4.87	4.54	23.4	23.8	30.8	18.0 B	9
10	11.6 B	6.008	3.358	88.7	62.8	8.80	4.78	4.81	18.8	22.4	27.4	18.0 B	10
11	10.8 B	12.6 B	3.208	87.6	54.3	8.44	4.82	5.18	16.4	20.8	26.1	19.5 B	11
12	9.808	11.5 B	3.108	86.0	45.8	8.47	4.85	5.01	15.1	19.3	25.2	13.1 B	12
13	9.208	10.4 B	2.958	87.4	35.7	13.8	4.36	4.42	13.4	17.9	42.3	12.2 B	13
14	8.708	9.808	2.858	81.4	44.8	12.7	4.35	4.18	12.1	16.8	31.2	11.3 B	14
15	8.148	8.708	2.758	63.8	42.1	9.88	4.47	4.08	21.8	15.3	28.8	10.7 B	15
16	7.828	8.008	2.658	48.8	52.7	10.1	4.76	3.88	19.5	14.2	23.0	10.0 B	16
17	7.208	7.808	2.558	44.4	48.2	10.8	4.45	3.81	15.8	13.3	20.8	9.808	17
18	6.808	6.908	2.508	82.8	34.8	9.21	4.26	4.10	14.3	12.3	24.8	9.208	18
19	6.508	6.508	4.858	180	28.3	8.34	4.17	8.82	12.4	13.8	78.8	8.708	19
20	6.208	6.008	9.008	138	25.8	8.03	4.10	5.84	11.3	13.0	61.0	8.308	20
21	5.858	5.808	17.0 B	127	23.7	7.85	3.81	5.70	10.5	13.0	48.2	8.008	21
22	5.608	5.208	36.8 B	183	23.9	7.33	3.76	6.71	9.77	28.3	89.7	7.888	22
23	5.408	5.008	25.2 B	118	24.2	6.87	3.88	10.3	8.25	48.3	83.8	7.408	23
24	7.008	4.888	22.7 B	107	21.2	6.72	3.84	21.8	9.13	25.0	45.0	7.108	24
25	11.2 B	7.808	20.0 B	104	18.8	6.58	3.71	17.8	8.24	20.8	42.8	8.808	25
26	10.2 B	7.008	18.1 B	84.0	17.4	6.24	3.82	25.8	11.8	24.7	37.8	8.608	26
27	8.008	8.508	16.8 B	69.7	16.7	6.08	3.84	19.7	16.7	28.1	32.2	8.408	27
28	8.208	8.008	15.4 B	58.4	16.4	6.02	3.83	14.8	15.0	20.8	28.1	8.108	28
29	7.208		14.8 B	51.6	16.1	8.33	3.37	12.7	13.0	30.2	25.2	6.958	29
30	6.308		14.1 B	84.3	14.7	8.19	3.33	11.0	11.3	51.8	23.0	6.758	30
31	5.808		13.5 B		15.1		3.23	10.2		48.0		6.608	31
TOTAL	288.81	232.08	286.88	2 382.8	1 211.1	276.15	144.24	285.58	893.32	894.0	1 134.2	387.85	TOTAL
MEAN	9.26	8.29	9.25	79.4	39.1	9.21	4.65	9.21	18.4	28.8	37.8	12.8	MEAN
MAX	14.2	15.2	36.8	183	91.2	13.8	8.76	25.8	85.4	91.8	89.7	31.8	MAX
MIN	5.40	4.88	2.80	16.5	15.1	8.02	3.23	3.81	8.13	12.1	20.8	6.80	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 22.1
MAXIMUM DAILY, 183 ON APR 22
MINIMUM DAILY, 2.808 ON MAR 16
MAXIMUM INSTANTANEOUS,
256 AT 16 05 NST ON SEP 3

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 34 31 N
LONG 58 21 46 W
DRAINAGE AREA, 840 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	24 800	JUL	12 500
FEB	20 000	AUG	26 700
MAR	24 800	SEP	67 800
APR	208 000	OCT	77 200
MAY	105 000	NOV	98 000
JUN	22 900	DEC	34 400

TOTAL DISCHARGE, 699 000 dam³

HIGHLANDS RIVER AT TRANS-CANADA HIGHWAY - STATION NO 02ZA002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.5858	0.5808	0.4258	1.728	8.25	1.14	0.781	0.318	0.277	1.04	4.25	1.52	1
2	0.5358	1.00 B	0.4108	14.7	4.08	1.07	0.698	0.666	1.44	5.41	2.72	3.58	2
3	0.5008	2.00 B	0.3988	33.1	3.08	0.935	0.640	0.558	2.00	3.21	2.04	2.44	3
4	0.4808	1.81 B	0.3858	15.7	3.10	0.801	0.580	0.795	1.33	3.09	2.11	1.85	4
5	0.4308	1.67 B	0.3738	15.3	3.30	0.796	0.563	0.573	1.44	5.75	1.88	1.20 B	5
6	0.4088	1.48 B	0.3628	12.4	4.11	0.738	0.808	0.578	1.12	3.84	11.6	3.98	6
7	0.3858	1.35 B	0.3498	9.35	10.8	1.22	0.695	0.488	0.831	2.12	6.38	2.81	7
8	0.6008	1.23 B	0.3388	14.1	4.72	1.53	0.843	0.435	0.726	1.50	3.15	1.77	8
9	1.07	1.15 B	0.3288	13.3	5.17	1.32	0.488	0.373	0.748	1.22	3.32	1.27	9
10	0.9008	1.06 B	0.3198	12.1	4.48	1.15	0.800	0.323	0.700	1.08	1.88	1.07 B	10
11	0.7808	1.80 B	0.3088	9.16	4.73	1.25	0.426	0.278	0.883	0.931	1.58	0.9608	11
12	0.7108	3.43 B	0.2998	3.53	3.65	1.28	0.373	0.232	0.803	0.845	2.83	0.8608	12
13	0.880	1.80 B	0.2928	3.72	4.54	1.74	0.348	0.210	0.440	0.737	8.07	0.7908	13
14	0.874	1.50 B	0.2858	3.48	3.81	2.07	0.335	0.184	0.385	0.840	4.88	0.7408	14
15	0.830	1.28 B	0.2798	4.83	3.02	1.78	0.338	0.174	0.841	0.878	2.50 B	0.6958	15
16	0.8908	1.10 B	0.2728	4.81	3.80	2.32	0.387	0.171	0.723	0.827	1.80 B	0.6858	16
17	0.8408	0.9708	0.2678	4.30	4.48	2.58	0.408	0.181	0.884	0.878	1.18 B	0.6208	17
18	0.8008	0.8508	0.2608	8.88	3.13	2.32	0.347	0.175	0.890	0.858	3.80	0.5858	18
19	0.8508	0.7808	0.5008	38.8	2.27	1.74	0.322	0.179	0.711	0.783	8.02	0.5708	19
20	0.4208	0.7108	0.9008	13.4	1.77	1.57	0.308	0.185	0.678	0.783	4.28	0.5508	20
21	0.3988	0.8508	1.40 B	13.8	1.58	1.58	0.288	0.188	0.482	0.715	12.7	0.5308	21
22	0.3708	0.8008	2.20 B	18.6	1.87	1.38	0.281	0.186	0.428	2.58	24.2	0.5128	22
23	0.3558	0.5858	2.10 B	8.17	2.01	1.13	0.288	0.231	0.411	8.80	8.21	0.5008	23
24	0.5808	0.5258	2.00 B	4.48	1.71	0.838	0.382	0.341	0.415	2.77	3.81	0.4868	24
25	0.7408	0.5048	1.90 B	4.14	1.43	0.808	0.298	0.431	0.478	1.77	1.80 B	0.4758	25
26	0.8408	0.4858	2.03 B	3.81	1.32	0.770	0.344	0.868	0.883	1.82	1.08 B	0.4628	26
27	0.8808	0.4688	1.87 B	2.88	1.28	0.704	0.328	0.887	1.83	1.48	0.8408	0.4558	27
28	0.8008	0.4508	1.73 B	2.14	1.20	0.830	0.323	0.834	2.84	1.20	0.8908	0.4438	28
29	0.4528		1.58 B	2.12	1.32	0.788	0.303	0.427	1.80	7.32	0.8908	0.4388	28
30	0.4038		1.42 B	8.88	1.18	0.781	0.362	0.408	1.32	14.2	0.8308	0.4308	30
31	0.3758		1.45 B		1.04		0.357	0.330		4.84		0.4228	31
TOTAL	17.204	30.808	27.113	288.31	105.74	38.817	12.718	11.988	27.208	78.803	127.810	33.388	TOTAL
MEAN	0.555	1.10	0.875	9.61	3.41	1.29	0.410	0.386	0.907	2.58	4.25	1.07	MEAN
MAX	1.07	3.43	2.20	33.1	10.8	2.58	0.781	0.868	2.84	14.2	24.2	3.98	MAX
MIN	0.385	0.458	0.280	1.72	1.04	0.830	0.281	0.181	0.277	0.488	0.830	0.422	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.19
MAXIMUM DAILY, 33.1 ON APR 3
MINIMUM DAILY, 0.181 ON AUG 17
MAXIMUM INSTANTANEOUS
57.5 AT 22 36 NST ON NOV 21

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION LAT 48 06 33 N
LONG 58 47 04 W
DRAINAGE AREA 72.0 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 490	JUL	1 100
FEB	2 880	AUG	1 030
MAR	2 340	SEP	2 280
APR	24 900	OCT	6 870
MAY	9 140	NOV	11 000
JUN	3 390	DEC	2 870

TOTAL DISCHARGE 69 100 dam³

HINDS BROOK AT HINDS BROOK POWER HOUSE - STATION NO 02YK005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	18.0	33.9	23.8	1.62	35.4	18.0	16.3	12.3	8.79	0.894	0.894	30.5	1
2	19.3	28.5	24.1	1.62	35.3	33.8	33.1	11.8	6.25	0.894	0.894	35.4	2
3	13.6	26.3	26.5	0.926	35.2	33.4	21.8	10.4	8.21	0.894	0	35.4	3
4	15.2	22.2	27.0	2.88	35.4	33.4	10.1	10.4	8.25	0.894	0	35.2	4
5	0.231	21.9	26.5	1.62	34.8	35.2	12.8	7.64	1.87	0.894	0	33.8	5
6	13.9	13.2	26.0	1.18	34.8	20.8	11.8	10.5	11.5	0.894	0	34.0	6
7	12.3	0.894	24.9	2.88	35.5	21.4	12.8	0.894	0.894	0.894	0	34.1	7
8	13.5	0.894	23.1	0	35.6	34.1	12.8	0.894	0.894	0.894	0	33.7	8
9	0.894	0.894	18.7	1.27	35.3	21.5	13.4	5.79	2.55	0.894	0	1.62	9
10	17.7	0.894	22.9	6.71	35.4	33.4	12.4	12.5	20.1	0.894	0	0	10
11	13.7	0.894	22.6	4.17	35.1	24.6	12.0	12.5	17.9	0.894	0	0	11
12	4.40	20.2	18.7	2.20	33.0	23.5	12.3	13.8	7.05	0.894	0	0.810	12
13	12.6	16.5	14.5	6.91	4.86	22.3	12.4	12.5	6.48	0.894	0	0	13
14	13.1	4.86	11.8	7.75	28.8	21.5	12.8	15.5	14.7	0.894	0	0	14
15	10.8	0.894	13.1	7.75	28.2	24.3	12.3	14.5	19.3	0.894	0	0	15
16	24.3	0.894	0.894	6.02	33.6	25.2	12.7	12.7	26.6	0.894	0	6.10	16
17	20.5	0.894	6.55	12.3	26.6	14.5	13.4	12.5	25.5	0.894	0	34.8	17
18	0.894	0.894	0.894	13.9	28.3	0	12.3	11.2	26.4	0.894	0	35.3	18
19	19.2	0.894	11.8	12.6	28.1	19.0	5.21	4.86	1.18	0.894	0	35.4	19
20	0.894	0.894	10.4	18.4	28.3	22.8	13.6	12.6	21.8	0.894	0	36.2	20
21	21.2	22.2	4.86	15.3	33.1	23.1	4.05	0.894	0.894	0.894	0	36.7	21
22	36.7	4.86	4.51	19.8	35.8	25.0	11.7	0.894	0.894	0.894	0	37.4	22
23	36.3	14.8	0.894	35.4	35.1	19.8	11.7	0.894	0.894	0.894	0	37.6	23
24	35.8	18.0	10.1	35.4	34.7	23.8	8.85	3.59	0.894	0.894	0	37.6	24
25	36.3	18.6	8.45	35.4	18.3	24.6	12.3	7.17	0.894	0.894	0	36.9	25
26	35.8	22.0	10.3	35.8	23.5	22.4	7.75	7.84	0.894	0.894	0	37.0	26
27	26.7	27.8	16.6	34.8	24.2	21.8	12.3	12.8	0.894	0.894	0	37.9	27
28	29.0	23.5	0.894	34.8	23.6	21.5	14.1	14.1	0.894	0.894	0	38.9	28
29	27.0		0.894	33.3	27.3	23.9	13.7	7.06	0.894	0.894	0	38.4	29
30	31.1		8.81	36.1	32.9	24.1	8.83	5.67	0.894	0.894	2.89	34.4	30
31	33.9		0.894		25.2		11.2	8.38		0.894		34.2	31
TOTAL	594.513	348.764	423.054	418.106	930.18	653.3	382.88	271.950	240.848	21.514	4.278	830.630	TOTAL
MEAN	19.2	12.5	13.6	13.9	30.0	21.8	12.4	8.77	8.02	0.894	0.143	26.8	MEAN
MAX	36.7	33.9	27.0	36.1	35.8	25.2	33.1	18.5	26.6	0.894	2.89	38.9	MAX
MIN	0.231	0.894	0.894	0	4.86	0	4.05	0.894	0.894	0.894	0	0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 14.0
MAXIMUM DAILY, 36.9 ON DEC 26
MINIMUM DAILY, 0 ON APR 5

DATA CONTRIBUTED BY -
NEWFOUNDLAND AND LABRADOR HYDRO

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 48 05 00 N
LONG 57 12 13 W
DRAINAGE AREA, 851 km²

REGULATED SINCE 1981

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	51 400	JUL	33 100
FEB	30 100	AUG	23 500
MAR	36 400	SEP	20 800
APR	36 100	OCT	1 880
MAY	80 400	NOV	370
JUN	56 400	DEC	71 600

TOTAL DISCHARGE 442 000 dam³

HUMBER RIVER AT GRAND LAKE OUTLET - STATION NO 02YK001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	43.3	133	134	121	101	108	138	122	95.4	123	130	120	1
2	81.9	127	129	114	117	113	120	133	132	102	124	132	2
3	113	138	130	126	116	107	120	129	124	99.1	137	108	3
4	106	132	142	122	105	115	119	119	141	121	118	118	4
5	109	107	115	124	91.1	116	122	122	140	16.5	120	123	5
6	109	108	139	129	81.6	116	114	107	135	16.2	130	111	6
7	110	106	140	116	103	117	111	124	41.8	18.7	129	82.6	7
8	139	117	130	113	86.2	106	129	127	84.0	14.0	116	96.3	8
9	116	114	124	120	103	103	135	114	105	18.2	112	104	9
10	139	128	88.4	123	105	116	121	120	102	15.2	108	108	10
11	145	119	120	132	89.6	119	117	127	125	15.3	108	110	11
12	116	126	134	121	106	104	118	124	112	124	111	111	12
13	132	136	134	121	117	120	103	106	122	111	124	103	13
14	137	129	127	120	105	111	112	105	128	131	133	102	14
15	126	126	123	126	111	103	119	109	120	134	132	103	15
16	121	124	100	123	111	118	114	114	124	138	117	104	16
17	123	118	123	114	104	102	108	110	130	142	135	128	17
18	126	130	110	124	81.3	113	119	108	119	135	120	129	18
19	129	132	83.4	129	116	124	132	105	128	141	118	134	19
20	131	110	104	110	119	118	110	102	116	139	104	128	20
21	136	128	112	116	112	118	80.0	117	119	108	132	121	21
22	136	126	116	117	118	133	114	104	124	127	118	108	22
23	140	130	113	138	110	111	123	114	119	129	108	111	23
24	141	138	101	128	104	117	122	120	112	134	110	37.8	24
25	148	130	112	130	131	121	127	102	110	123	102	38.8	25
26	130	118	121	118	116	128	131	122	133	116	112	118	26
27	138	123	117	117	122	131	107	121	128	98.0	108	118	27
28	113	121	103	110	131	138	134	118	120	127	101	118	28
29	120		111	108	132	73.0	120	113	84.2	108	111	118	29
30	139		84.8	87.7	133	81.4	131	102	107	88.0	121	109	30
31	136		88.4		109		139	108		118		37.8	31
TOTAL	3 788.2	3 470	3 818.0	3 567.7	3 380.0	3 374.4	3 884.0	3 570	3 458.8	3 007.2	3 830	3 281.8	TOTAL
MEAN	122	124	117	119	109	112	119	115	115	97.0	118	106	MEAN
MAX	148	139	142	129	132	138	138	133	141	142	137	134	MAX
MIN	43.3	106	83.4	87.7	89.8	73.0	80.0	102	41.8	14.0	101	28.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 114
MAXIMUM DAILY, 148 ON JAN 11
MINIMUM DAILY, 14.0 ON OCT 6

DATA CONTRIBUTED BY
BOWATER POWER COMPANY LIMITED

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 48 01 43 N
LONG 57 25 24 W
DRAINAGE AREA, 5 030 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	327 000	JUL	318 000
FEB	300 000	AUG	306 000
MAR	313 000	SEP	299 000
APR	308 000	OCT	280 000
MAY	293 000	NOV	305 000
JUN	292 000	DEC	284 000

TOTAL DISCHARGE 3 810 000 dam³

HUMBER RIVER AT HUMBER VILLAGE BRIDGE - STATION NO 02YL003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	138	160	142	171	403	233	140	138	124	163	330	280	1
2	118	230	141	191	363	226	141	139	125	176	343	285	2
3	106	188	143	234	375	216	141	138	134	171	336	264	3
4	112	170	141	268	385	215	141	138	138	186	322	251	4
5	118	160	143	308	347	212	141	140	149	220	301	243	5
6	118	153	150	365	330	209	141	137	163	235	284	236	6
7	118	148	155	388	331	208	139A	133	169	250	285	230	7
8	122	141	166	426	341	207	142	135	184	256	277	220	8
9	130	138	152	435	357	202	142	135	185	255	269	208	9
10	133	138	156	435	384	198	140	133	175	243	258	199	10
11	137	155	150	424	401	197	140	133	166	233	243	192	11
12	147	200	136	409	356	196	139	133	195	221	227	186	12
13	149	182	136	386	401	195	139	132	198	214	233	181	13
14	149	157	137	364	395	192	134	126	198	209	230	177	14
15	150	154	134	348	382	186	134	124	201	204	218	170	15
16	152	157	125	335	376	187	133	124	198	199	212	183	16
17	161	166	123	324	378	185	132	124	187	196	205	188	17
18	155	160	126	323	384	181	130	122	185	185	202	188	18
19	150	153	123	389	366	176	128	138	182	184	220	181	19
20	148	148	118	447	378	174	139	133	180	194	217	180	20
21	148	145	117	505	357	177	128	122	184	186	232	188	21
22	148	144	120	522	335	175	121	123	181	186	335	188	22
23	159	143	124	575	315	173E	120	122	179	204	389	184	23
24	161	141	127	726	298	171E	122	124	177	211	467	180	24
25	173	142	128	738	288	168E	124	124	173	222	492	131	25
26	182	142	132	682	282	167E	128	124	171	233	462	113	26
27	187	142	140	614	276	166E	132	126	171	234	419	116	27
28	185	146	148	543	266	163E	131	127	171	236	377	122	28
29	169		165	481	256	159A	130	128	170	247	336	126	29
30	154		182	436	250	143	131	127	166	264	307	128	30
31	163		165		243		133	124		286		131	31
TOTAL	4 477	4 410	4 318	12 981	10 860	5 698	4 143	4 008	5 200	6 756	9 020	5 585	TOTAL
MEAN	144	158	139	433	344	189	134	129	173	218	301	180	MEAN
MAX	182	230	166	738	403	233	142	140	201	286	492	280	MAX
MIN	106	138	117	171	243	143	120	122	124	163	202	113	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 212
MAXIMUM DAILY, 738 ON APR 25
MINIMUM DAILY, 106 ON JAN 3
MAXIMUM INSTANTANEOUS,
738 AT 00 03 NST ON APR 25

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 59 02 N
LONG 57 46 41 W
DRAINAGE AREA, 7 880 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	387 000	JUL	358 000
FEB	381 000	AUG	346 000
MAR	373 000	SEP	449 000
APR	1 120 000	OCT	584 000
MAY	921 000	NOV	779 000
JUN	490 000	DEC	483 000

TOTAL DISCHARGE 5 670 000 dam³

INDIAN BAY BROOK NEAR NORTHWEST ARM - STATION NO 02YR003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5 808	11 0 B	8 358	29 0	35 8	8 94	4 28	1 18	0 414	0 422	1 18	8 008	1
2	5 408	13 5 B	8 108	33 1	32 4	8 77	4 18	1 13	0 425	0 484	1 22	8 11	2
3	5 208	14 0 B	7 758	39 8	29 0	8 37	3 97	1 10	0 421	0 419	1 15	8 44	3
4	5 908	14 5 B	7 508	43 7	27 0	7 94	3 85	1 06	0 377	0 733	1 08	8 78	4
5	6 508	13 1 B	7 208	47 8	24 4	7 55	3 72	0 946	0 358	1 00	1 04	9 83	5
6	7 008	11 8 B	6 908	52 0	22 5	7 31	3 66	0 889	0 357	0 918	1 59	11 0 B	6
7	6 808	10 6 B	6 658	54 1	20 6	7 06	3 48	0 851	0 341	0 756	1 63	12 0 B	7
8	6 408	10 2 B	6 458	56 8	19 7	7 00	3 34	0 818	0 503	0 725	1 54	14 0	8
9	7 608	9 808	6 208	61 3	18 6	7 06	3 26	0 781	0 618	0 727	1 38	11 7	9
10	9 008	9 708	6 008	66 9	17 6	6 73	3 02	0 777	0 414	0 744	1 44	11 2	10
11	10 3 B	10 7 B	5 808	84 5	16 9	6 62	2 88	0 862	0 383	0 884	1 48	17 4	11
12	11 2 B	12 4 B	5 608	93 1	17 6	6 35	2 78	0 814	0 345	0 834	1 81	15 8	12
13	10 6	11 6 B	5 408	80 6	16 4	6 36	2 74	0 812	0 347	0 880	3 56	15 8	13
14	8 48	11 2 B	5 208	67 3	15 0	6 40	2 73	0 698	0 339	0 844	3 08	17 3	14
15	7 808	10 8 B	5 008	57 3	14 0	6 03	2 65	0 641	0 382	0 826	2 85	17 3	15
16	7 308	10 3 B	6 48	50 5	13 3	5 18	2 81	0 531	0 420	0 483	2 07	16 7	16
17	6 788	9 808	8 24	56 5	16 2	6 46	3 61	0 489	0 436	0 484	2 40	17 3	17
18	6 308	9 508	8 38	55 8	14 8	6 07	3 31	0 442	0 920	0 472	2 89	17 1	18
19	6 008	9 208	10 1	53 8	13 8	5 83	3 06	0 467	1 11	0 588	3 44	16 7 B	19
20	5 708	8 808	12 3	64 4	13 3	5 82	1 80	0 474	0 788	0 507	4 00	18 2 B	20
21	5 458	8 508	14 1	84 4	13 3	5 70	1 82	0 486	0 842	0 446	4 63	15 7 B	21
22	5 208	8 258	16 1	68 3	12 3	5 41	1 76	0 816	0 886	0 681	5 52	15 2 B	22
23	5 108	7 908	15 4	64 8	13 2	5 22	1 71	0 610	0 841	1 08	6 15	15 0 B	23
24	7 508	7 808	16 2	61 9	11 8	4 89	1 66	0 648	0 681	0 788	6 20	16 3 B	24
25	10 6 B	9 608	17 3	69 1	11 6	4 87	1 62	0 687	0 681	0 887	6 81	15 6 B	25
26	13 0 B	9 188	18 7	85 0	11 0	4 83	1 64	0 682	0 618	0 812	7 18	15 3 B	26
27	11 8 B	8 788	18 8	80 8	10 3	4 83	1 48	0 610	0 836	0 894	7 33	15 0 B	27
28	10 6 B	8 468	22 0	48 7	9 88	4 32	1 48	0 481	0 474	0 807	8 908	14 7 B	28
29	8 808		36 4	40 7	9 62	4 33	1 38	0 436	0 458	0 787	8 958	14 3 B	29
30	8 408		38 8	38 3	9 27	4 24	1 18	0 437	0 412	1 13	8 358	14 0 B	30
31	8 008		37 6		8 76		1 18	0 439		1 18		13 6 B	31
TOTAL	244 48	283 18	362 08	1 631 8	519 62	186 87	76 68	20 884	14 906	21 535	105 86	437 37	TOTAL
MEAN	7 88	10 5	11 7	54 4	16 8	6 23	2 53	0 883	0 497	0 694	3 53	14 1	MEAN
MAX	13 0	14 0	37 6	88 3	35 8	8 77	4 28	1 18	1 11	1 18	7 33	17 6	MAX
MIN	5 20	7 80	5 00	29 0	8 76	4 23	1 18	0 439	0 338	0 418	1 04	8 00	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 10 7
MAXIMUM DAILY, 88 3 ON APR 22
MINIMUM DAILY, 0 338 ON SEP 14
MAXIMUM INSTANTANEOUS,
88 8 AT 14 05 NST ON APR 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 02 24 N
LONG 53 53 00 W
DRAINAGE AREA 554 km²

B ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	21 100	JUL	6 780
FEB	25 300	AUG	1 780
MAR	31 300	SEP	1 290
APR	141 000	OCT	1 660
MAY	44 900	NOV	8 150
JUN	15 100	DEC	37 800

TOTAL DISCHARGE 338 000 dam³

INDIAN BROOK AT INDIAN FALLS - STATION NO. 02YM001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.650	3.300	5.750	33.10	83.3	11.4	5.18	2.48E	1.35A	3.19	17.0	30.3	1
2	4.750	3.180	5.400	28.50	83.5	11.1	5.13	2.68E	1.50A	3.30	16.9	31.7	2
3	4.650	3.100	5.200	31.00	86.7	10.7	4.77	2.40E	1.88A	3.41	16.6	33.2	3
4	4.520	3.000	5.000	82.00	80.1	9.91	4.37	2.34A	1.64A	4.78	13.0	31.6	4
5	4.410	2.920	4.800	117 B	45.9	9.12	4.21	2.10E	1.78E	8.68	12.1	19.8	5
6	4.300	2.880	4.620	107 B	43.8	8.51	4.06	1.98E	1.74E	16.0	14.7	35.7	6
7	4.300	2.800	4.420	92.00	42.4	8.03	3.83	1.92E	1.65E	14.2	25.3	31.1	7
8	4.080	2.780	4.300	82.00	44.8	7.70	3.65	1.88E	2.86A	11.6	28.7	28.3	8
9	4.000	2.700	4.150	71.8	44.9	7.38	3.42	1.85E	4.36	10.1	22.2	22.7	9
10	3.900	3.480	4.000	78.3	42.4	7.04	3.33	1.84E	5.89	8.85	19.3	17.6	10
11	3.800	4.200	3.820	75.9	40.9	7.01	3.21	1.81E	5.62	7.80	17.3	18 2 B	11
12	4.400	4.010	3.680	67.0	40.1	7.31	3.15	1.77E	4.94	8.88	15.9	14 6 B	12
13	5.400	3.850	3.630	56.4	37.5	7.30	3.16	1.73E	4.24	8.94	23.2	13 3 B	13
14	6.200	3.850	3.400	46.3	34.0	7.13	3.13	1.75E	3.86	8.30	26.0	12 7 B	14
15	6.000	3.500	3.270	45.8	30.0	6.74	3.08	1.70E	3.82	8.00	25.2	11 9 B	15
16	5.800	3.350	3.150	51.6	28.2	7.08	2.88	1.64E	4.28	5.81	23.2	11 3 B	16
17	5.700	3.210	3.000	52.5	27.6	8.07	2.77	1.51E	5.00	5.43	20.4	10 8 B	17
18	5.500	3.100	3.800	50.6	43.3	7.83	2.82	1.58E	6.12	5.07	18.7	10 3 B	18
19	5.300	3.000	5.000	134	38.2	7.19	2.80	1.64E	6.64	5.20	16.5	9 808	19
20	5.100	2.900	7.000	162	33.4	6.89	2.78	1.72E	8.45	5.23	17.7	9 508	20
21	4.850	2.780	8.400	182	28.3	6.74	2.78	1.84A	5.80	5.34	20.0	9 208	21
22	4.630	2.700	12.0 B	183	25.0	6.41	2.65	1.88A	5.18	5.59	51.6	8 908	22
23	4.450	3.300	14.9 B	183	22.7	6.09	2.60	1.84A	4.59	10.1	71.5	8 858	23
24	4.280	4.000	16.8 B	122	21.3	5.78	2.62A	1.80A	4.17	12.0	55.6	8 408	24
25	4.150	5.500	17.8 B	102	19.3	5.62	2.88E	1.80A	3.88	11.0	43.3	8 108	25
26	4.120	8.600	18.8 B	88.6	17.4	5.30	3.02E	1.73A	3.65	11.0	35.9	7 808	26
27	3.900	8.400	15.0 B	77.5	16.9	4.81	2.94E	1.68A	3.55	14.4	30.2	7 608	27
28	3.600	8.000	14.6 B	65.9	14.7	4.67	2.47E	1.54A	3.36	14.9	28.7	7 408	28
29	3.650		16.1 B	58.4	13.6	5.20	2.40E	1.51A	3.25	13.4	24.5	7 258	29
30	3.520		17.8 B	54.7	12.7	5.08	2.30A	1.46A	3.26	15.1	21.6	7 058	30
31	3.420		20.0 B		12.1		2.28E	1.38A		16.9		6 908	31
TOTAL	141.81	102.31	280.48	2 508.7	1 085.9	218.21	89.84	56.59	118.59	275.80	784.2	440.15	TOTAL
MEAN	4.57	3.65	8.40	83.6	34.4	7.31	3.21	1.83	3.89	8.89	25.5	14.2	MEAN
MAX	8.20	8.60	20.0	183	83.5	11.4	5.18	2.68	8.64	16.9	71.5	31.1	MAX
MIN	3.42	2.70	3.00	23.1	12.1	4.67	2.28	1.38	1.35	3.19	12.1	6.80	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.6
MAXIMUM DAILY, 183 ON APR 22
MINIMUM DAILY, 1.35A ON SEP 1
MAXIMUM INSTANTANEOUS,
198 AT 17 45 NST ON APR 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 30 43 N
LONG 56 06 45 W
DRAINAGE AREA, 874 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	12 300	JUL	5 600
FEB	8 840	AUG	4 680
MAR	22 500	SEP	10 100
APR	217 000	OCT	23 600
MAY	82 100	NOV	66 000
JUN	18 800	DEC	38 000

TOTAL DISCHARGE, 523 000 dam³

REMARKS - FLOW FROM 238 km² DIVERTED INTO BIRCHY LAKE IN 1983. A CONDUIT PERMITS FLOW TO BYPASS AS A DFO REQUIREMENT

ISLE AUX MORTS RIVER BELOW HIGHWAY BRIDGE - STATION NO. 0228001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.508	2.00 B	0.5659	4.959	35.9	8.19	6.39	3.50	2.33	16.6	33.6	24.1	1
2	5.758	4.16 B	0.5308	84.1	30.0	7.88	4.31	6.43	47.0	78.3	13.1	41.2	2
3	4.808	3.30 B	0.5108	83.9	13.4	8.07	2.98	6.56	30.3	31.1	8.87	20.6	3
4	4.408	2.70 B	0.4858	84.5	12.3	5.80	2.31	4.00	13.7	50.1	12.8	10.7	4
5	4.008	2.30 B	0.4758	71.4	12.7	4.75	2.06	3.33	7.86	71.0	8.81	9.35	5
6	3.708	2.00 B	0.4588	48.5	14.5	3.89	2.04	2.86	5.85	30.0	36.6	40.3	6
7	3.508	1.75 B	0.4408	44.1	67.1	38.4	1.86	2.18	4.61	14.5	26.5	19.5	7
8	4.008	1.55 B	0.4258	56.5	41.5	30.0	1.62	1.84	3.83	9.08	13.4	8.67	8
9	5.808	1.42 B	0.4088	55.8	25.8	15.2	1.47	1.80	3.36	8.37	9.77	6.808	9
10	5.658	2.80 B	0.3958	47.8	19.3	8.87	1.30	2.35	2.99	8.54	8.27	5.608	10
11	4.608	4.88 B	0.3638	37.6	17.5	6.42	1.20	3.66	2.88	7.78	8.43	5.008	11
12	3.858	4.10 B	0.3718	37.7	16.3	5.09	1.17	2.81	2.33	8.08	14.2	4.408	12
13	3.388	3.38 B	0.3628	33.2	24.0	41.3	1.16	2.33	2.08	6.70	48.1	4.048	13
14	3.078	2.60 B	0.3528	8.88	18.1	25.0	1.17	1.84	1.81	3.91	25.4	3.828	14
15	2.778	2.10 B	0.3408	17.2	14.8	13.8	1.03	1.64	88.7	3.13	17.4	3.608	15
16	2.608	1.82 B	0.4408	31.4	54.7	8.88	1.41	1.42	31.7	2.88	7.01	3.388	16
17	2.438	1.61 B	0.8008	17.0	34.0	7.48	1.73	1.88	14.1	2.42	5.18	3.168	17
18	3.288	1.32 B	1.13 B	14.0	18.4	5.81	1.56	2.38	12.2	2.17	7.48	2.888	18
19	2.108	1.09 B	2.10 B	51.0	12.1	4.87	1.53	3.07	7.15	8.81	16.5	2.828	19
20	1.858	0.8908	4.00 B	88.5	8.00	3.76	1.33	2.88	5.13	8.87	12.8	2.888	20
21	1.628	0.8108	20.0 B	40.1	6.37	3.22	1.14	6.41	4.10	16.8	71.8	2.888	21
22	1.728	0.8408	14.0 B	62.9	8.30	2.72	1.14	8.72	3.61	88.8	83.4	2.438	22
23	1.638	0.7808	8.00 B	27.9	7.88	2.27	1.02	27.7	3.24	41.2	35.8	2.328	23
24	1.838	0.7308	5.00 B	18.4	7.70	2.15	0.8778	28.0	4.11	19.7	13.8	2.238	24
25	3.008	0.6858	3.40 B	16.0	6.38	1.91	1.58	13.2	4.67	10.2	8.64	2.138	25
26	3.388	0.8528	2.30 B	14.5	5.04	1.84	2.61	8.15	4.53	15.7	8.38	2.028	26
27	2.178	0.8008	5.20 B	10.3	4.38	1.48	8.88	8.55	10.0	13.8	4.80	1.988	27
28	1.938	0.8688	12.8 B	7.38	3.78	8.78	5.48	5.10	10.7	8.80	8.81	1.488	28
29	1.718		8.80 B	8.48	3.82	28.4	4.08	4.15	8.26	78.7	8.82	1.818	29
30	1.528		7.90 B	63.4	3.86	11.1	3.82	3.28	8.43	82.3	3.83	1.748	30
31	1.378		8.20 B		3.76		2.08	2.82		29.8		1.718	31
TOTAL	103.28	52.788	109.803	1 087.88	531.80	311.84	88.387	158.28	289.83	741.28	531.88	249.44	TOTAL
MEAN	3.33	1.88	3.54	35.8	17.2	10.4	3.24	5.43	12.0	23.8	17.7	7.82	MEAN
MAX	8.00	4.85	20.0	84.5	87.1	41.3	8.88	27.7	88.7	82.3	71.8	41.2	MAX
MIN	1.37	0.868	0.340	4.95	3.82	1.48	0.877	1.42	1.81	2.17	3.83	1.71	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.8
MAXIMUM DAILY, 88.7 ON SEP 15
MINIMUM DAILY, 0.340B ON MAR 15
MAXIMUM INSTANTANEOUS,
366 AT 21:15 NST ON OCT 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 38 50 N
LONG 53 00 33 W
DRAINAGE AREA, 205 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6 320	JUL	5 880
FEB	4 580	AUG	14 600
MAR	9 470	SEP	31 100
APR	82 200	OCT	84 000
MAY	46 800	NOV	46 800
JUN	27 000	DEC	21 200

TOTAL DISCHARGE, 371 000 dam³

NEWFOUNDLAND AND LABRADOR

JUNCTION BROOK NEAR BADGER - STATION NO. 02YD010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.4605	0.4805	0.3505	4.408	3.05	0.388	0.105	0.031	0.006	0.115	1.85	0.8858	1
2	0.4008	0.7605	0.3208	5.368	3.05	0.382	0.095	0.026	0.006	0.115	1.83	0.8808	2
3	0.3605	1.43 E	0.3858	8.07	2.53	0.355	0.103	0.027	0.010	0.105	1.35	0.9908	3
4	0.3208	1.26 E	0.3608	15.1 E	2.21	0.284	0.108	0.021	0.009	0.481	1.15	0.8108	4
5	0.2758	1.15 E	0.3358	12.8	1.87	0.233	0.102	0.023	0.006	1.43	1.09	1.35 E	5
6	0.3308	1.02 E	0.3208	8.80	1.85	0.232	0.092	0.018	0.006	1.88	1.30	1.22 E	6
7	0.4208	0.8908	0.2038	8.28	1.85	0.204	0.107	0.014	0.005	1.93	1.87	1.08 E	7
8	0.5008	0.8808	0.1938	7.92	1.81	0.235	0.095	0.014	0.035	1.73	1.81	1.01 E	8
9	0.5808	0.8408	0.1628	7.14	1.48	0.216	0.074	0.015	0.038	1.48	1.41	0.9808	9
10	0.4808	1.40 E	0.1758	8.82	1.38	0.214	0.072	0.009	0.039	1.27	1.27	0.9048	10
11	0.4008	2.10 E	0.1888	8.11	1.47	0.216	0.066	0.008	0.041	1.02	1.12	0.8808	11
12	0.4808	1.82 E	0.1638	6.88	1.88	0.221	0.062	0.008A	0.033	0.878	1.10	0.8208	12
13	0.5508	1.63 E	0.1588	4.07	1.84	0.238	0.071	0.008	0.030	0.869	1.02	0.7808	13
14	0.6408	1.47 E	0.1588	3.20	1.48	0.268	0.074A	0.003E	0.025	0.845	2.23	0.7508	14
15	0.4038	1.32 E	0.1518	3.35	1.30	0.290	0.062E	0.003E	0.024	0.843	2.01 E	0.7208	15
16	0.3308	1.15 E	0.2508	4.14	1.05	0.308	0.058E	0.005	0.023	0.525	1.70 E	0.6908	16
17	0.2828	1.03 E	0.4038	3.93	1.02	0.270	0.058E	0.004	0.039	0.478	1.40 E	0.8618	17
18	0.2628	0.9008	0.7508	4.19	1.23	0.288	0.058E	0.006	0.083	0.428	1.13 E	0.8408	18
19	0.2428	0.8008	1.30 E	6.87	1.27	0.282	0.057E	0.009	0.084	0.412	1.25 E	0.8208	19
20	0.2248	0.7308	2.20 E	6.87	1.13	0.262	0.057E	0.010	0.083	0.388	1.34	0.8008	20
21	0.2128	0.8858	3.80 E	8.14	0.971	0.248	0.058E	0.015	0.104	0.382	1.43	0.5808	21
22	0.2008	0.6108	5.80 E	7.52	0.784	0.230	0.058E	0.023	0.135	0.498	3.00	0.5608	22
23	0.1948	0.5858	10.0 E	7.23	0.708	0.208	0.054E	0.019	0.162	1.01	3.35	0.5508	23
24	0.2808	0.5308	8.80 E	5.71	0.784	0.188	0.054E	0.018	0.174	0.862	3.11	0.5308	24
25	0.4208	0.4838	7.60 E	4.78	0.763	0.188	0.063E	0.018	0.183	0.802	2.86	0.5208	25
26	0.3808	0.4358	5.95 E	3.98	0.873	0.182	0.048E	0.012	0.186	0.827	2.17	0.5108	26
27	0.2908	0.4208	5.80 E	3.18	0.882	0.174	0.047A	0.013	0.185	0.843	1.81 E	0.4898	27
28	0.2508	0.3808	5.35 E	3.84	0.547	0.155	0.033	0.017	0.150	0.828	1.25 E	0.4828	28
29	0.2308		4.70 E	2.24	0.481	0.141	0.024	0.015	0.135	0.840	1.03 E	0.4788	29
30	0.1928		4.30 E	2.80	0.400	0.107	0.026	0.011	0.128	1.22	0.8108	0.4628	30
31	0.1848		3.92 E		0.388		0.028	0.009		1.38		0.4608	31
TOTAL	10.700	27.218	74.741	183.44	61.001	7.139	2.058	0.437	2.083	26.284	49.750	22.875	TOTAL
MEAN	0.345	0.972	2.41	6.11	1.32	0.238	0.066	0.014	0.069	0.847	1.66	0.731	MEAN
MAX	0.640	3.10	10.0	15.1	3.05	0.388	0.108	0.036	0.174	1.82	3.35	1.35	MAX
MIN	0.184	0.380	0.151	2.24	0.388	0.107	0.024	0.003	0.005	0.105	0.810	0.460	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.23
MAXIMUM DAILY, 15.1E ON APR 4
MINIMUM DAILY, 0.003E ON AUG 14
MAXIMUM INSTANTANEOUS,
15.8E AT 02 30 NST ON APR 5

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 58 37 N
LONG 56 00 22 W
DRAINAGE AREA, 81.5 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	824	JUL	178
FEB	2 350	AUG	37.8
MAR	5 460	SEP	178
APR	15 800	OCT	2 270
MAY	3 540	NOV	4 300
JUN	817	DEC	1 960

TOTAL DISCHARGE 38 600 dam³

REMARKS - THE "E" FOR DISCHARGES ABOVE 15.0 m³/s IS DUE TO STAGE DISCHARGE CURVE EXTENSION

KANAIRIKTOK RIVER BELOW SNEGAMOOK LAKE - STATION NO 03NG001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	26.88	22.88	19.88	45.08	278	343	168	287	186	162	186	195 B	1
2	26.58	22.78	19.88	50.08	271	344	170	303	203	158	169	174 B	2
3	26.38	22.58	19.88	57.08	260	346	187	303	205	156	164	156 B	3
4	27.88	22.48	19.78	86.08	249	343	184	293	203	154	163	143 B	4
5	27.78	22.28	19.68	74.08	236	334	184	286	204	156	162	133 B	5
6	27.48	22.18	19.58	85.08	233	333	181	279	205	185	164	125 B	6
7	27.28	22.08	19.58	88.08	236	332	156	270	205	189	168	118 B	7
8	26.98	21.88	19.48	111 B	252	334	155	266	205	178	161	110 B	8
9	26.78	21.78	19.48	128 B	272	345	153	248	204	193	156	105 B	9
10	26.58	21.68	19.38	145 B	321	348	150	237	189	200	151	100 B	10
11	26.38	21.58	19.38	185 B	374	358	144	227	197	201	136	97.08	11
12	26.08	21.48	19.38	180 B	408	382	140	221	194	205	112	93.08	12
13	25.68	21.38	19.38	320 B	432	361	136	213	189	210	111	90.08	13
14	25.68	21.28	19.38	310 B	440	357	134	205	184	209	123	86.08	14
15	25.38	21.08	19.28	185 B	448	344	135	198	178	208	128	83.08	15
16	25.18	20.88	19.28	180 B	484	328	142	189	173	207	119	80.08	16
17	24.88	20.68	19.28	177	508	313	143	183	170	198	86 B	78.08	17
18	24.68	20.78	19.18	184	588	300	147	180	174	192	83.5	75.08	18
19	24.78	20.68	19.18	158	581	287	159	174	183	189	87.9	74.08	19
20	24.88	20.58	19.18	164	584	279	166	165	182	188	82.1	72.08	20
21	24.38	20.48	19.08	188	585	262	177	160	187	183	103	70.08	21
22	24.28	20.38	19.08	175	531	249	190	157	198	185	113	69.08	22
23	24.08	20.28	19.38	187	486	236	198	156	202	185	122	67.08	23
24	23.88	20.18	19.88	248	469	225	203	159	200	179	130	66.08	24
25	23.68	20.08	20.08	288	444	213	212	157	188	171	134	64.08	25
26	23.78	20.08	20.48	285	433	204	215	160	190	187	141	83.08	26
27	23.58	19.88	23.08	300	404	188	232	187	185	186	150 B	82.08	27
28	23.48	19.88	26.08	301	383	188	237	178	182	183	160 B	80.58	28
29	23.28		30.08	296	384	181	252	188	174	182	177 B	88.58	29
30	23.18		35.08	285	357	177	269	188	165	186	188 B	88.58	30
31	22.88		39.08		348		283	187		188		87.58	31
TOTAL	788.8	592.5	864.3	5 184.0	13 203	8 630	8 614	8 803	5 784	5 599	4 138.4	2 884.0	TOTAL
MEAN	25.4	21.2	21.3	173	384	284	178	213	182	181	138	93.0	MEAN
MAX	26.8	22.8	39.0	301	581	382	283	303	205	210	169	195	MAX
MIN	22.8	18.8	19.0	45.0	233	177	134	157	165	154	83.5	67.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 181
MAXIMUM DAILY, 581 ON MAY 19
MINIMUM DAILY, 19.08 ON MAR 31
MAXIMUM INSTANTANEOUS
584 AT 11 08 AST ON MAY 19

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 37 35 N
LONG 60 56 36 W
DRAINAGE AREA 8 930 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	69 200	JUL	476 000
FEB	51 200	AUG	570 000
MAR	58 900	SEP	497 000
APR	448 000	OCT	484 000
MAY	1 050 000	NOV	357 000
JUN	782 000	DEC	249 000

TOTAL DISCHARGE 5 070 000 dam³

LEARY BROOK AT PRINCE PHILIP DRIVE - STATION NO. 02ZM020

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.2308	0.817	0.3058	2.13	4.02	0.226	0.129	0.133	0.097	0.503	0.681	1.08	1
2	0.2208	3.01	0.2858	3.30	1.86	0.268	0.126	0.125	0.214	0.385	0.549	2.91	2
3	0.2058	2.41	0.2628	7.27	1.38	0.236	0.134	0.427	0.117	0.279	0.420	2.00	3
4	0.616	1.83	0.2458	6.18	1.26	0.220	0.127	0.266	0.108	0.357	0.415	1.01	4
5	0.488	1.36	0.2308	4.41	1.07	0.191	0.735	0.146	0.120	0.276	0.343	3.29	5
6	0.409	0.855	0.2188	3.80	0.885	0.172	0.823	0.126	0.098	0.229	0.807	3.83	6
7	0.385	0.780	0.2058	2.98	0.762	0.162	0.363	0.124	0.101	0.216	0.783	1.82	7
8	0.897	0.842	0.1958	4.75	0.788	0.184	0.214	0.110	0.150	0.238	0.853	1.07	8
9	0.833	0.8508	0.1858	5.84	0.810	0.192	0.188	0.095	0.148	0.350	0.508	0.790	9
10	0.489	0.7608	0.1768	4.13	3.21	0.181	0.165	0.097	0.138	0.241	0.514	0.808	10
11	0.414	1.13	0.1708	2.46	2.88	0.173	0.141	0.095	0.122	0.233	0.449	0.544	11
12	0.682	0.871	0.1658	1.80	1.42	0.182	0.138	0.100	0.118	0.213	1.87	0.897	12
13	0.695	0.691	0.1618	1.44	0.999	0.186	0.134	0.105	0.114	0.194	3.43	1.85	13
14	0.613	0.5808	0.1588	1.28	0.815	0.182	0.127	0.111	0.112	0.182	0.998	2.05	14
15	0.510	0.4808	0.1558	1.73	0.693	0.168	0.132	0.107	0.361	0.184	0.891	1.48	15
16	0.4308	0.4308	0.3008	2.43	0.802	0.160	0.125	0.096	0.275	0.189	0.743	0.944	16
17	0.3858	0.3808	1.82	1.70	1.18	0.162	0.107	0.093	0.186	0.185	0.551	0.850	17
18	0.3858	0.3508	2.18	2.42	0.840	0.156	0.101	0.100	0.415	0.171	0.539	0.697	18
19	0.3308	0.3258	4.70	5.80	0.808	0.148	0.104	0.193	0.418	0.186	0.818	0.882	19
20	0.3108	0.3008	5.58	3.81	0.823	0.163	0.097	0.117	0.258	0.181	0.478	0.527	20
21	0.3908	0.2808	5.72	2.78	0.525	0.150	0.088	0.118	0.208	0.171	0.488	0.475	21
22	0.2708	0.2808	4.81	4.17	0.421	0.144	0.100	0.108	0.177	0.433	1.44	0.462	22
23	0.2608	0.2478	3.84	3.18	0.480	0.148	0.087	0.087	0.158	0.488	1.45	0.410	23
24	0.4808	0.2378	2.82	1.73	0.367	0.136	0.095	0.220	0.157	0.250	0.789	0.370	24
25	1.38	0.3308	2.20	2.88	0.339	0.143	0.130	0.122	0.148	0.248	0.833	0.332	25
26	0.733	0.457	1.88	1.74	0.285	0.143	0.139	0.118	0.283	0.858	0.619	0.281	26
27	0.577	0.380	1.72	1.21	0.260	0.131	0.139	0.121	0.268	0.693	0.478	0.261	27
28	0.507	0.3408	2.24	0.982	0.378	0.136	0.118	0.111	0.219	0.321	0.387	0.241	28
29	0.484		3.00	0.788	0.282	0.143	0.107	0.107	0.238	0.263	0.361	0.236	29
30	0.442		2.31	2.93	0.241	0.127	0.102	0.096	0.199	0.282	0.341	0.246	30
31	0.425		1.83		0.219		0.143	0.101		0.314		0.300	31
TOTAL	15.416	21.132	48.947	90.311	30.301	5.105	5.436	4.017	5.017	6.853	22.084	30.403	TOTAL
MEAN	0.497	0.755	1.61	3.01	0.977	0.170	0.175	0.130	0.201	0.288	0.736	0.981	MEAN
MAX	1.38	3.01	5.72	7.27	4.02	0.268	0.823	0.427	0.418	0.858	2.43	3.83	MAX
MIN	0.205	0.237	0.185	0.789	0.219	0.127	0.095	0.083	0.097	0.181	0.341	0.236	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0.782
MAXIMUM DAILY, 7.27 ON APR 3
MINIMUM DAILY, 0.083 ON AUG 17
MAXIMUM INSTANTANEOUS,
8.01 AT 15:40 NST ON APR 3

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 33 46 N
LONG 52 45 00 W
DRAINAGE AREA, 17.8 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 330	JUL	470
FEB	1 830	AUG	347
MAR	4 320	SEP	520
APR	7 800	OCT	765
MAY	2 620	NOV	1 910
JUN	441	DEC	2 630

TOTAL DISCHARGE 25 000 dam³

LEARY BROOK AT ST. JOHN'S - STATION NO. 02ZM017

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.1888	0.370	0.2108	1.31	2.98	0.134	0.082	0.085	0.047	0.333	0.483	0.718	1
2	0.1808	1.75	0.1888	2.15	1.38	0.174	0.085	0.058	0.089	0.286	0.448	2.12	2
3	0.1728	1.66	0.1828	5.40	0.970	0.158	0.080	0.201	0.074	0.182	0.295	1.40	3
4	0.444	1.34	0.1708	4.54	0.929	0.142	0.063	0.144	0.058	0.250	0.318	0.788	4
5	0.333	0.895	0.1608	3.15	0.793	0.129	0.384	0.087	0.068	0.189	0.284	1.60	5
6	0.287	0.653	0.1518	2.54	0.668	0.120	0.579	0.081	0.068	0.148	0.635	2.71	6
7	0.231	0.562	0.1448	2.02	0.630	0.108	0.237	0.063	0.062	0.137	0.588	1.20	7
8	0.442	0.478	0.1388	3.48	0.857	0.124	0.150	0.054	0.077	0.139	0.408	0.906	8
9	0.567	0.4408	0.1328	4.32	0.716	0.127	0.113	0.050	0.093	0.238	0.373	0.716	9
10	0.320	0.577	0.1278	2.98	2.26	0.137	0.083	0.047	0.087	0.183	0.384	0.681	10
11	0.288	0.788	0.1238	1.78	1.85	0.106	0.077	0.044	0.078	0.154	0.324	0.841	11
12	0.583	0.688	0.1188	1.38	0.933	0.095	0.075	0.048	0.073	0.138	1.37	0.583	12
13	0.826	0.512	0.1148	1.02	0.883	0.094	0.087	0.054	0.068	0.121	1.88	1.23	13
14	0.408	0.4408	0.1148	0.905	0.582	0.095	0.084	0.051	0.080	0.111	0.777	1.58	14
15	0.332	0.3808	0.1118	1.23	0.447	0.092	0.082	0.053	0.187	0.108	0.788	1.10	15
16	0.305	0.3408	0.2008	1.73	0.398	0.103	0.088	0.057	0.210	0.108	0.839	0.781	16
17	0.2758	0.3058	0.861	1.20	0.787	0.084	0.082	0.054	0.123	0.100	0.601	0.606	17
18	0.3658	0.2758	1.15	1.78	0.603	0.077	0.080	0.051	0.252	0.091	0.442	0.824	18
19	0.2488	0.2608	3.81	4.28	0.415	0.073	0.080	0.098	0.308	0.095	0.567	0.595	19
20	0.2268	0.2268	3.89	2.62	0.334	0.077	0.068	0.083	0.158	0.105	0.448	0.803	20
21	0.2128	0.2078	4.21	2.07	0.348	0.080	0.068	0.083	0.148	0.097	0.415	0.459	21
22	0.3008	0.1948	3.62	3.16	0.259	0.071	0.064	0.083	0.115	0.218	1.04	0.409	22
23	0.1938	0.1808	2.67	1.81	0.278	0.068	0.064	0.084	0.108	0.389	1.08	0.381	23
24	0.3608	0.1708	1.91	1.28	0.348	0.083	0.062	0.115	0.100	0.177	0.888	0.384	24
25	0.889	0.2208	1.40	2.00	0.200	0.071	0.058	0.073	0.094	0.171	0.852	0.330	25
26	0.511	0.250	1.08	1.23	0.188	0.077	0.064	0.088	0.238	0.450	0.645	0.308	26
27	0.410	0.251	1.01	0.900	0.158	0.068	0.068	0.083	0.232	0.402	0.434	0.268	27
28	0.373	0.2308	1.32	0.735	0.180	0.083	0.055	0.081	0.245	0.238	0.383	0.238	28
29	0.328		1.84	0.620	0.182	0.083	0.044	0.047	0.188	0.192	0.342	0.230	29
30	0.318		1.48	2.15	0.158	0.068	0.042	0.048	0.133	0.260	0.322	0.258	30
31	0.300		1.15		0.135		0.058	0.047		0.211		0.307	31
TOTAL	10.772	14.828	32.788	85.480	21.380	2.925	2.804	2.084	3.830	5.973	17.828	24.390	TOTAL
MEAN	0.347	0.532	1.06	2.15	0.689	0.098	0.084	0.068	0.128	0.193	0.588	0.787	MEAN
MAX	0.889	1.75	4.21	5.40	2.98	0.174	0.579	0.201	0.308	0.450	1.88	2.71	MAX
MIN	0.172	0.170	0.111	0.620	0.135	0.068	0.042	0.044	0.047	0.091	0.284	0.230	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0.581
MAXIMUM DAILY, 5.40 ON APR 3
MINIMUM DAILY, 0.042 ON JUL 24
MAXIMUM INSTANTANEOUS,
6.38 AT 18:18 NST ON APR 3

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 33 43 N
LONG 52 45 47 W
DRAINAGE AREA, 18.3 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	931	JUL	351
FEB	1 280	AUG	181
MAR	3 630	SEP	331
APR	5 680	OCT	616
MAY	1 650	NOV	1 530
JUN	253	DEC	2 110

TOTAL DISCHARGE 17 700 dam³

LEECH BROOK NEAR GRAND FALLS - STATION NO. 02YD007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.5808	0.6408	0.2858	7.89	5.13	0.382	0.383	0.015	0.008	0.178	2.69	0.6908	1
2	0.4808	1.00 B	0.2358	10.6	3.00	0.367	0.334	0.026	0.013	0.212	2.18	1.08 B	2
3	0.3958	2.40 B	0.2058	16.2	2.05	0.381	0.294	0.023	0.036	0.219	1.88	1.39 B	3
4	0.4608	2.15 B	0.1888	23.6 E	1.80	0.344	0.257	0.014	0.040	1.49	1.35	1.27 B	4
5	0.6008	1.85 B	0.1788	22.3 E	1.40	0.307	0.238	0.014	0.038	7.89	1.15	1.53 B	5
6	0.5308	1.60 B	0.1708	16.8	1.30	0.261	0.184	0.014	0.043	5.46	1.88	2.12	6
7	0.4008	1.35 B	0.1628	12.1	1.32	0.230	0.184	0.009	0.040	2.63	5.20	3.38	7
8	0.5408	1.12 B	0.1568	9.88	1.25	0.243	0.181	0.007	0.343	1.87	3.47	2.30	8
9	0.7508	0.8708	0.1528	11.0	1.25	0.237	0.117	0.005	0.741	1.28	2.07	1.73	9
10	0.6208	2.00 B	0.1458	11.3	1.04	0.338	0.088	0.004	0.851	1.01	1.41	1.54 B	10
11	0.5408	3.80 B	0.1428	8.85	1.89	0.485	0.082	0.003	0.688	0.834	1.13	1.41 B	11
12	0.4408	3.20 B	0.1368	5.62	2.78	0.545	0.071	0.003	0.514	0.736	1.37	1.29 B	12
13	0.5808	2.70 B	0.1358	3.86	1.78	0.669	0.084	0.002	0.375	0.817	3.02	1.30 B	13
14	0.9008	2.20 B	0.1328	2.82	1.22	0.874	0.050	0.002	0.328	0.882	4.44	1.10 B	14
15	0.4828	1.80 B	0.1308	4.86	0.883	0.821	0.044	0.002	0.317	0.820	2.80	1.04 B	15
16	0.3808	1.50 B	0.3248	7.54	0.698	0.789	0.041	0.002	0.388	0.488	1.68	0.9808	16
17	0.3108	1.25 B	0.8208	7.05	1.16	0.842	0.034	0.001	0.887	0.417	1.47	0.8108	17
18	0.2788	1.12 B	1.00 B	8.03	1.84	0.782	0.027	0.002	1.04	0.387	1.38	0.6808	18
19	0.2588	0.8408	1.80 B	23.8	1.38	0.691	0.022	0.013	1.32	0.809	1.44	0.6188	19
20	0.2408	0.6408	5.00 B	22.7	0.838	0.497	0.018	0.024	1.10	0.848	1.81	0.7788	20
21	0.2258	0.7508	11.0 B	11.8	0.731	0.428	0.021	0.022	0.835	0.773	1.87	0.7318	21
22	0.2158	0.6808	16.5 B	13.6	0.626	0.383	0.020	0.029	0.838	1.43	7.78	0.6988	22
23	0.2058	0.6208	15.4 B	7.53	0.734	0.339	0.021	0.027	0.497	5.68	5.34	0.6818	23
24	0.3808	0.7408	13.1 B	4.87	0.843	0.280	0.022	0.018	0.432	3.37	3.51	0.6388	24
25	0.5808	0.5888	11.5 B	3.81	0.780	0.237	0.018	0.018	0.387	1.98	2.26	0.8088	25
26	0.4808	0.4808	8.40 B	3.18	0.598	0.228	0.022	0.019	0.338	1.57	1.88	0.5888	26
27	0.3808	0.4008	6.40 B	2.31	0.526	0.208	0.024	0.017	0.308	1.78	1.30	0.5858	27
28	0.2808	0.3328	7.20 B	1.71	0.478	0.183	0.024	0.018	0.288	1.58	1.11 B	0.5558	28
29	0.2308		6.40 B	1.38	0.415	0.309	0.023	0.018	0.238	1.29	1.00 B	0.5358	29
30	0.2058		7.20	2.28	0.388	0.299	0.023	0.013	0.216	2.87	0.9288	0.5158	30
31	0.1908		8.77		0.348		0.014	0.010		3.48		0.5018	31
TOTAL	13.020	38.960	125.478	289.84	40.078	12.798	2.888	0.380	12.915	53.210	70.038	34.218	TOTA
MEAN	0.420	1.38	4.05	9.65	1.29	0.427	0.093	0.013	0.431	1.72	2.33	1.10	MEAN
MAX	0.900	3.80	16.5	23.6	5.13	0.874	0.383	0.029	1.32	7.89	7.78	3.39	MAX
MIN	0.190	0.332	0.130	1.38	0.348	0.183	0.014	0.001	0.008	0.175	0.929	0.801	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 1.80
MAXIMUM DAILY 23.6 ON APR 16
MINIMUM DAILY 0.001 ON AUG 17
MAXIMUM INSTANTANEOUS
34.9E AT 00 05 NST ON APR 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 58 42 N
LONG 55 49 42 W
DRAINAGE AREA 88.3 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 120	JUL	249
FEB	3 370	AUG	33.7
MAR	10 800	SEP	1 120
APR	25 000	OCT	4 600
MAY	3 480	NOV	6 050
JUN	1 110	DEC	2 960

TOTAL DISCHARGE 59 900 dam³

REMARKS - THE "E" FOR DISCHARGES ABOVE 23.2 m³/s IS DUE TO STAGE DISCHARGE CURVE EXTENSION

LEWASEECHJEECH BROOK AT LITTLE GRAND LAKE - STATION NO 02YK002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.70	3.74	3.00	18.9	38.7	7.36	4.01	1.50	1.58	4.52	49.1	18.0	1
2	4.55	3.86	2.93	21.2	37.5	7.05	3.88	1.81	1.78	6.24	41.5	15.1	2
3	4.33	4.03	2.81	41.0	33.8	8.67	3.78	1.83	2.34	8.89	34.4	15.6	3
4	4.41	4.05	2.80	68.0	30.3	8.26	3.60	2.04	2.78	15.7	27.9	15.5	4
5	4.32	4.01	2.74	90.2	28.1	5.89	3.55	2.02	3.24	31.8	22.6	14.8	5
6	4.28	3.93	2.74	95.0	27.9	5.47	3.38	1.83	3.48	37.3	24.2	15.9	6
7	4.25	3.88	2.69	88.2	30.6	5.42	3.24	1.88	3.51	32.6	34.7	21.1	7
8	4.38	3.87	2.72	78.8	37.3	5.10	3.12	1.84	3.82	26.9	36.3	20.7	8
9	4.38	3.88	2.71	88.3	37.7	4.85	2.88	1.78	4.85	22.0	28.3	18.1	9
10	4.20	3.88	2.61	84.9	34.9	4.70	2.88	1.87	5.10	18.7	25.6	15.9	10
11	4.20	4.17	2.82	87.8	33.0	4.84	2.80	1.87	4.98	15.8	21.8	14.5	11
12	4.48	4.32	2.88	68.3	31.4	4.80	2.77	1.82	4.87	13.7	19.3	13.7	12
13	4.63	4.24	2.55	40.1	28.4	4.80	2.78	1.38	4.38	12.2	18.1	12.1	13
14	4.33	4.08	2.42	32.7	27.5	5.29	2.64	1.37	4.19	10.4	17.7	11.3	14
15	4.26	4.00	2.40	28.7	28.1	5.82	2.38	1.33	4.87	9.40	17.2	10.8	15
16	4.22	3.88	2.39	24.9	23.6	5.88	2.37	1.28	5.14	8.24	15.7	10.0	16
17	4.13	3.75	2.33	27.8	28.5	5.88	2.26	1.33	5.51	7.38	14.2	9.38	17
18	4.01	3.74	2.31	38.3	30.4	5.80	2.18	1.19	5.70	6.85	13.4	8.89	18
19	4.04	3.74	2.44	77.7	27.0	5.84	2.05	1.16	5.73	6.81	18.1	7.88	19
20	4.02	3.88	2.76	120	23.2	5.47	1.88	1.13	5.48	6.83	27.3	7.41	20
21	4.09	3.84	3.81	114	20.2	5.08	1.78	1.12	5.13	7.28	32.2	8.92	21
22	3.86	3.81	5.40	131	17.8	4.82	1.68	1.16	4.78	8.83	104	8.44	22
23	3.77	3.62	7.87	108	16.1	4.88	1.60	1.24	4.48	18.8	122	8.03	23
24	3.77	3.38	8.15	86.8	14.8	4.60	1.58	1.28	4.28	33.8	84.2	8.73	24
25	3.88	3.29	10.2	68.8	13.4	4.28	1.59	1.32	4.08	21.8	66.8	8.48	25
26	3.85	3.21	11.4	55.3	12.0	4.10	1.61	1.30	4.04	18.8	47.3	8.26	26
27	3.78	3.14	12.8	46.4	10.8	3.88	1.64	1.47	4.20	18.4	34.8	8.03	27
28	3.63	3.11	13.8	37.4	8.80	4.04	1.57	1.82	4.38	17.8	27.3	4.78	28
29	3.48		14.4	31.8	8.01	3.83	1.52	1.82	4.47	18.3	22.0	4.66	29
30	3.80		15.6	30.3	8.82	3.87	1.48	1.88	4.81	45.3	18.3	4.84	30
31	3.82		18.3		8.08		1.47	1.82		55.4		4.84	31
TOTAL	127.08	105.78	173.31	1 850.3	755.82	155.87	78.01	48.84	128.84	557.78	1 078.8	334.74	TOT
MEAN	4.10	3.76	5.59	61.7	24.4	5.18	2.45	1.50	4.23	18.0	35.9	10.8	MEA
MAX	4.70	4.32	18.3	131	37.7	7.36	4.01	2.04	5.73	55.4	122	21.1	MAX
MIN	3.48	3.11	2.31	18.9	8.08	3.83	1.47	1.12	1.58	4.52	13.4	4.84	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 14.8
MAXIMUM DAILY 122 ON NOV 23
MINIMUM DAILY 1.12 ON AUG 21
MAXIMUM INSTANTANEOUS
131 AT 01 29 NST ON NOV 23

TYPE OF GAUGE - RECORDING
LOCATION LAT 48 37 20 N
LONG 57 54 00 W
DRAINAGE AREA 470 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	11 000	JUL	5 670
FEB	8 140	AUG	4 020
MAR	15 000	SEP	11 000
APR	160 000	OCT	48 200
MAY	65 300	NOV	92 900
JUN	13 400	DEC	28 900

TOTAL DISCHARGE 485 000 dam³

LITTLE BARACHOIS BROOK NEAR ST. GEORGE'S - STATION NO. 02ZA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.808	7.408	2.808	17.0	25.5	2.32	1.89	2.17	1.13	5.27	29.2	8.01	1
2	2.628	4.428	2.458	48.4	25.0	2.18	1.59	2.51	1.48	7.35	22.6	6.87	2
3	2.438	3.808	2.328	75.2	19.4	2.08	1.45	1.80	2.50	8.59	17.2	7.84	3
4	2.258	3.408	2.218	67.6	15.3	1.89	1.37	1.45	2.38	16.7	14.6	7.76	4
5	2.108	3.108	2.108	58.9	13.3	1.77	1.33	1.36	2.32	26.3	12.2	7.41	5
6	1.958	2.788	1.988	65.5	12.3	1.67	1.31	1.25	2.30	23.4	28.4	15.7	6
7	1.808	2.518	1.908	98.0	13.9	1.79	1.26	1.18	2.17	17.4	24.5	18.2	7
8	2.658	2.258	1.808	57.3	17.6	1.77	1.17	1.15	2.87	13.5	26.1	14.2	8
9	4.208	2.038	1.728	52.5	16.5	1.69	1.18	1.11	3.84	9.10	19.1	10.4	9
10	3.808	2.518	1.648	52.1	13.8	1.65	1.10	1.09	3.56	7.60	14.8	7.74	10
11	3.358	7.008	1.678	40.2	11.5	1.80	1.09	1.09	2.96	6.36	11.6	6.42	11
12	2.998	8.508	1.508	30.2	10.8	1.53	1.04	1.01	2.57	5.59	10.6	5.808	12
13	2.668	5.908	1.448	22.8	10.4	1.37	0.992	0.986	3.28	4.90	10.4	5.308	13
14	2.488	5.208	1.388	17.6	9.66	2.06	0.994	0.914	2.09	4.27	10.6	5.008	14
15	2.308	4.608	1.328	21.5	8.14	2.03	0.963	0.911	2.37	3.83	15.1	4.708	15
16	2.138	4.108	1.288	32.1	7.74	3.04	0.878	0.934	2.65	3.36	12.2	4.458	16
17	1.978	3.808	1.228	30.3	11.5	4.64	0.883	0.930	3.41	3.08	8.94	4.258	17
18	1.878	3.408	1.188	31.8	12.8	3.70	0.937	0.889	3.69	2.79	8.63	4.018	18
19	1.758	3.158	1.808	89.6	9.87	3.12	0.918	0.843	3.52	3.18	23.7	3.858	19
20	1.638	2.888	3.008	104	7.60	3.81	0.899	0.849	3.07	3.70	24.4	3.678	20
21	1.578	2.808	5.808	84.8	6.18	3.53	0.875	1.08	2.67	3.93	22.4	3.518	21
22	1.488	2.428	10.5 E	71.2	5.09	2.87	0.882	1.38	3.32	7.81	87.9	3.378	22
23	1.408	2.258	30.0 E	91.6	4.78	2.54	0.829	1.11	3.06	21.4	59.2	3.228	23
24	3.108	2.908	18.5 E	55.8	4.18	2.31	0.791	1.08	1.91	17.8	34.5	3.118	24
25	2.408	3.508	15.0 E	30.5	3.88	2.06	0.949	1.09	1.88	12.8	33.3	3.008	25
26	2.358	3.178	13.5 E	24.6	3.33	1.85	1.11	1.82	2.23	9.91	17.4	2.888	26
27	1.988	2.888	12.2 E	19.5	3.00	1.75	0.979	2.04	3.11	8.18	11.6	2.808	27
28	1.788	2.758	11.3 E	15.1	2.76	1.67	0.908	1.84	4.46	8.23	8.94	2.708	28
29	1.608		10.5 E	12.1	2.63	1.78	0.898	1.42	6.29	8.20	7.24	2.638	29
30	1.488		9.808	14.3	2.85	1.65	0.855	1.28	6.06	31.0	6.32	2.578	30
31	1.398		12.2 E		3.48		0.814	1.23		33.2		2.488	31
TOTAL	88.85	88.40	173.62	1 330.3	313.06	88.20	32.986	39.378	88.12	339.48	824.27	181.26	TOTAL
MEAN	2.28	3.81	5.80	44.3	10.1	2.27	1.08	1.27	2.87	11.0	20.8	5.85	MEAN
MAX	4.20	7.00	20.0	104	25.5	4.64	1.85	2.51	6.29	33.2	87.9	18.2	MAX
MIN	1.39	2.03	1.18	12.1	2.48	1.53	0.791	0.843	1.13	2.78	6.32	2.48	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.20
MAXIMUM DAILY, 104 ON APR 20
MINIMUM DAILY, 0.791 ON JUL 24
MAXIMUM INSTANTANEOUS,
126 AT 22 00 NST ON APR 19

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 26 44 N
LONG 58 23 55 W
DRAINAGE AREA 343 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6 020	JUL	2 850
FEB	8 500	AUG	3 400
MAR	15 000	SEP	7 440
APR	115 000	OCT	29 300
MAY	27 000	NOV	53 900
JUN	5 890	DEC	15 700

TOTAL DISCHARGE 280 000 dam³

LITTLE BARACHOIS RIVER NEAR PLACENTIA - STATION NO. 02ZK003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.3158	0.8408	0.4108	2.78	3.13	0.331	0.287	0.284	0.213	0.827	1.81	0.705	1
2	0.2958	13.0 B	0.3808	8.45	1.85	0.324	0.253	0.273	0.287	1.34	1.74	5.82	2
3	0.2808	10.5	0.3558	18.4 E	1.27	0.324	0.245	0.281	0.346	1.22	1.24	3.87	3
4	0.3658	5.01	0.3358	15.1	0.900	0.312	0.238	0.351	0.293	2.98	1.07	2.45	4
5	0.4808	2.28	0.3158	7.92	0.744	0.300	0.431	0.242	0.254	2.12	0.907	2.72	5
6	0.4208	1.33	0.3008	4.53	0.618	0.289	0.940	0.231	0.247	1.65	1.80	10.3	6
7	0.3608	0.893	0.2858	3.00	0.580	0.271	0.600	0.223	0.238	1.04	2.39	4.72	7
8	0.8008	0.8008	0.2748	3.34	0.638	0.311	0.428	0.204	0.240	0.833	1.83	2.38	8
9	2.68	0.8008	0.2818	5.48	1.57	0.317	0.348	0.195	0.273	5.35	1.22	1.44	9
10	1.98	0.4208	0.2508	5.51	8.10	0.303	0.297	0.188	0.267	3.33	1.13	1.04	10
11	1.54 B	0.8008	0.2408	2.87	6.32	0.286	0.281	0.186	0.253	1.70	1.03	0.815	11
12	1.92	3.20 B	0.2328	1.83	2.86	0.277	0.263	0.181	0.236	1.02	2.26	0.789	13
13	2.51	1.80 B	0.2238	1.40	1.70	1.05	0.256	0.184	0.228	0.779	6.53	0.833	13
14	1.89	1.20 B	0.2158	1.10	1.10	2.51	0.253	0.176	0.220	0.824	2.71	1.24	14
15	1.22	0.9508	0.2108	2.16	0.816	1.53	0.247	0.180	0.244	0.901	1.98	1.32	15
16	1.01	0.7708	0.2408	5.07	0.675	1.52	0.240	0.174	0.333	0.662	1.85	0.989	16
17	0.8008	0.8408	0.4808	2.48	0.697	1.08	0.236	0.177	0.314	0.580	1.15	0.877	17
18	0.6708	0.5808	0.8408	1.62	0.678	0.726	0.232	0.175	1.38	0.341	0.881	0.7808	18
19	0.5708	0.4808	4.00 B	1.88	0.802	0.544	0.228	0.177	1.15	0.332	1.57	0.8808	19
20	0.5008	0.4388	18.8 E	2.00	0.834	0.482	0.331	0.173	0.787	0.334	1.50	0.6158	20
21	0.4458	0.3808	13.7	1.81	0.468	0.413	0.318	0.171	0.586	0.315	1.15	0.5458	21
22	0.4008	0.3508	7.84	1.37	0.417	0.370	0.311	0.172	0.410	3.34	1.74	0.4988	22
23	0.5808	0.3208	3.48	1.13	0.830	0.339	0.313	0.195	0.332	8.11	1.84	0.4558	23
24	8.60 B	0.3008	2.25	0.907	0.840	0.317	0.307	1.83	0.305	3.33	1.31	0.4188	24
25	8.89	0.4008	2.38	1.31	0.850	0.302	0.241	0.873	0.284	1.41	0.980	0.3938	25
26	3.70 B	0.577	2.32	1.28	0.687	0.308	0.282	0.488	0.453	1.94	0.959	0.3688	26
27	3.60 B	0.488	2.18	0.972	0.418	0.289	0.831	0.359	0.879	2.88	0.808	0.3478	27
28	3.00 B	0.452	4.88	0.782	0.382	0.274	1.21	0.273	0.934	1.81	0.859	0.3208	28
29	1.80 B		4.88	0.852	0.377	0.272	0.856	0.241	0.884	1.10	0.894	0.3008	29
30	1.35 B		3.04	1.23 E	0.358	0.288	0.434	0.230	0.524	3.04	0.518	0.3308	30
31	1.14 B		2.31		0.335		0.330	0.238		2.08		0.4308	31
TOTAL	50.170	48.483	77.005	108.873	38.606	18.178	11.822	8.973	12.880	50.945	46.656	48.828	TOTAL
MEAN	1.62	1.73	2.48	3.67	1.25	0.939	0.381	0.289	0.429	1.64	1.55	1.58	MEAN
MAX	8.80	13.0	18.8	18.4	8.32	2.51	1.21	1.83	1.38	8.11	8.53	10.3	MAX
MIN	0.280	0.300	0.310	0.852	0.335	0.288	0.207	0.171	0.213	0.315	0.518	0.300	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.63
MAXIMUM DAILY, 18.8E ON MAR 30
MINIMUM DAILY, 0.171 ON AUG 21
MAXIMUM INSTANTANEOUS,
19.8E AT 05 41 NST ON APR 3

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 10 53 N
LONG 54 02 27 W
DRAINAGE AREA 37.2 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 330	JUL	1 030
FEB	4 190	AUG	775
MAR	6 880	SEP	1 110
APR	9 500	OCT	4 400
MAY	3 340	NOV	4 050
JUN	1 600	DEC	4 220

TOTAL DISCHARGE, 45 000 dam³

REMARKS - THE "E" FOR DISCHARGES ABOVE 17.0 m³/s IS DUE TO STAGE DISCHARGE CURVE EXTENSION

LITTLE BARASWAY BROOK NEAR MOLLIERS - STATION NO 022G005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.2808	0.5808	0.1088	2.11	1.67	0.142	0.095	0.048	0.035	0.815	3.71	1.08	1
2	0.2558	1.67 B	0.0988	5.17	1.11	0.136	0.073	0.034	0.240	1.22	2.11	2.94	2
3	0.2328	1.10 B	0.0828	8.00 E	0.725	0.124	0.052	0.037	0.256	0.950	1.48	2.07	3
4	0.3458	0.8008	0.0878	9.89 E	0.513	0.131	0.055	0.032	0.144	8.10 E	1.15	1.49	4
5	0.2688	0.7908	0.0828	4.56	0.454	0.114	0.481	0.032	0.095	8.05 E	0.902	2.48	5
6	0.2308	0.6808	0.0778	2.82	0.376	0.099	0.486	0.026	0.083	3.31	4.36	3.77	6
7	0.4823	0.5858	0.0738	1.85	0.312	0.102	0.256	0.029	0.087	1.91	2.51	1.95	7
8	0.7008	0.5308	0.0698	2.12	0.342	0.133	0.149	0.028	0.089	1.45	2.17	1.33	8
9	1.30 B	0.5108	0.0658	2.11	0.986	0.111	0.132	0.028	0.071	2.33	2.16	0.825	9
10	0.8558	0.6258	0.0628	1.72	1.48	0.099	0.111	0.026	0.064	1.95	2.69	0.6608	10
11	1.13 B	0.9408	0.0598	1.33	1.51	0.091	0.083	0.022	0.062	1.32	1.82	0.565	11
12	1.62 B	0.8458	0.0568	1.07	1.10	0.084	0.078	0.029	0.059	0.941	2.37	0.514	12
13	1.06 B	0.5558	0.0538	0.851	0.786	1.29	0.068	0.023	0.056	0.756	3.81	0.846	13
14	0.8028	0.4608	0.0518	0.669	0.585	1.51	0.058	0.018	0.080	0.847	2.20	1.35	14
15	0.5208	0.3958	0.0498	1.42	0.410	1.10	0.056	0.022	0.602	0.533	1.58	1.19	15
16	0.4108	0.3458	0.1708	1.81	0.325	0.955	0.053	0.024	0.794	0.386	1.18	0.829	16
17	0.3358	0.3088	0.3808	1.25	0.477	0.882	0.054	0.025	0.818	0.341	0.9508	0.6808	17
18	0.2848	0.2728	0.9008	0.838	0.581	0.484	0.048	0.024	1.73	0.304	0.7508	0.5708	18
19	0.2348	0.2438	2.50 B	0.801	0.675	0.408	0.038	0.023	0.877	0.303	0.8408	0.4908	19
20	0.2008	0.2148	5.20 B	0.867	0.584	0.329	0.041	0.021	0.855	0.234	0.648	0.4208	20
21	0.1878	0.1878	4.10 B	0.858	0.448	0.252	0.034	0.028	0.523	0.224	2.77	0.3658	21
22	0.1538	0.1788	3.00 B	0.629	0.341	0.185	0.028	0.046	0.375	0.468	2.86	0.3208	22
23	0.1408	0.1648	2.50 B	0.585	0.404	0.157	0.028	0.065	0.329	1.28	1.65	0.2688	23
24	0.2708	0.1508	2.10 B	0.539	0.374	0.130	0.035	0.114	0.320	0.741	1.28	0.2588	24
25	1.10 B	0.1408	1.80 B	0.518	0.312	0.105	0.038	0.080	0.289	0.650	0.943	0.2328	25
26	0.7308	0.1298	1.50 B	0.484	0.227	0.095	0.033	0.070	0.225	4.78	0.703	0.2108	26
27	0.5408	0.1208	1.78	0.389	0.205	0.083	0.080	0.060	0.302	3.34	0.5608	0.1978	27
28	0.4308	0.1128	3.81	0.280	0.139	0.077	0.059	0.049	0.265	1.81	0.4458	0.1608	28
29	0.3708		3.16	0.276	0.144	0.158	0.052	0.048	0.189	1.16	0.3908	0.1718	29
30	0.3208		2.24	1.45	0.155	0.110	0.040	0.042	0.200	3.38	0.260	0.2608	30
31	0.2788		1.84		0.145		0.035	0.030		1.99		0.4008	31
TOTAL	16.130	13.537	39.349	55.878	17.847	9.507	2.927	1.185	9.753	55.883	52.469	28.950	TOTAL
MEAN	0.520	0.483	1.27	1.80	0.576	0.317	0.094	0.038	0.325	1.80	1.75	0.934	MEAN
MAX	1.62	1.67	5.20	9.89	1.67	1.51	0.486	0.114	1.73	8.10	4.36	3.77	MAX
MIN	0.140	0.112	0.048	0.276	0.138	0.077	0.026	0.018	0.035	0.224	0.260	0.171	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0.833
MAXIMUM DAILY 9.89E ON APR 4
MINIMUM DAILY 0.018 ON AUG 14
MAXIMUM INSTANTANEOUS
19.1E AT 19.30 NST ON OCT 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 06 00 N
LONG 55 37 15 W
DRAINAGE AREA 28.2 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 390	JUL	253
FEB	1 170	AUG	103
MAR	3 400	SEP	843
APR	4 810	OCT	4 810
MAY	1 540	NOV	4 530
JUN	831	DEC	2 500

TOTAL DISCHARGE 26 300 dam³

REMARKS - THE "E" FOR DISCHARGES ABOVE 6.30 m³/s IS DUE TO STAGE DISCHARGE CURVE EXTENSION

LITTLE CODROY RIVER NEAR DOYLES - STATION NO 022A003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.50 B	1.50 B	0.4558	3.508	19.0	3.80E	4.24	3.86	1.91	4.47	16.5	7.90	1
2	2.05 B	3.82 B	0.4358	41.1	12.0	3.38E	3.44	3.86	13.3	44.7	11.5	13.9	2
3	1.72 B	3.35 B	0.4208	59.4	8.85	3.08E	2.81	3.36	12.2	21.4	8.54	8.43	3
4	1.52 B	2.70 B	0.4008	50.4	6.67	2.82A	2.46	2.87	8.08	20.0	7.88	6.43	4
5	1.36 B	2.10 B	0.3858	52.3	7.92	2.69	2.27	2.53	6.05	33.4	6.49	5.51	5
6	1.24 B	1.60 B	0.3708	37.0	8.51	2.48	3.22	2.25	4.75	20.3	15.7	14.2	6
7	1.18 B	1.35 B	0.3558	30.1	21.2	11.0	1.95	1.95	3.79	12.6	11.6	10.6	7
8	1.45 B	1.15 B	0.3458	28.4	20.4	7.71	1.82	1.71	3.04	8.74	8.10	7.50	8
9	1.85 B	0.9508	0.3358	27.1	16.2	5.71	1.82	1.51	2.67	8.49	6.87	5.84	9
10	2.23	2.00 B	0.3258	27.1	14.1	4.84	1.52	1.38	2.36	7.30	5.87	4.78	10
11	3.20	5.20 B	0.3158	21.8	13.2	4.00	1.43	1.64	1.88	5.45	4.59	4.00	11
12	9.21	4.40 B	0.3058	15.0	9.87	3.77	1.35	1.42	1.71	4.45	8.42	3.408	12
13	5.00 B	3.75 B	0.2968	11.3	12.0	13.0	1.28	1.30	1.57	3.68	22.5	3.008	13
14	4.25 B	2.95 B	0.2888	8.88	9.21	8.20	1.18	1.47	1.47	3.14	13.6	2.888	14
15	3.50 B	2.40 B	0.2808	8.45	8.54	6.38	1.12	0.985	24.7	2.72	10.1	2.418	15
16	2.50 B	1.92 B	0.2738	9.16	14.0	8.83	1.81	0.950	12.9	2.22	7.13	2.188	16
17	2.00 B	1.53 B	0.2698	6.23	10.6	7.47	1.57	1.19	8.06	1.88	5.87	2.018	17
18	1.65 B	1.40 B	0.4008	12.3	7.60E	5.80	1.28	1.34	6.11	1.84	5.47	1.878	18
19	1.42 B	1.21 B	1.80 B	33.7	5.60E	4.66	1.16	1.46	5.85	3.02	9.88	1.728	19
20	1.22 B	1.04 B	5.00 B	27.7	4.20E	4.25	1.03	1.28	4.59	2.71	8.58	1.638	20
21	1.07 B	0.8108	15.0 B	28.2	3.77E	3.72	0.945	1.12	3.67	3.82	34.7	1.528	21
22	0.9208	0.8208	10.5 B	37.3	3.60E	3.08	0.857	1.62	3.03	14.1	41.3	1.458	22
23	0.8208	0.7508	8.00 B	18.8	4.00E	2.68	0.812	8.15	2.80	18.7	18.8	1.388	23
24	2.00 B	0.6808	6.00 B	15.7	4.30E	2.40	0.807	5.85	2.72	9.74	12.4	1.318	24
25	3.30 B	0.6208	2.85 B	13.4	3.32E	2.18	1.83	5.80	2.72	6.93	9.11	1.288	25
26	2.78 B	0.5728	3.80 B	9.38	2.75E	1.83	1.95	5.24	2.88	11.3	6.80	1.188	26
27	2.00 B	0.5418	5.00 B	7.44	2.35E	1.74	3.39	4.74	6.60	8.77	6.33	1.148	27
28	1.60 B	0.5058	7.50 B	8.20	2.03E	3.80	2.88	3.89	5.42	6.36	4.17	1.108	28
29	1.22 B		8.00 B	6.04	1.83E	12.2	2.26	2.84	4.28	55.8	3.85	1.088	29
30	0.8708		6.00 B	22.1	1.88E	5.40	1.77	2.35	3.55	82.6	3.27	1.028	30
31	0.7508		3.90 B		2.10E		1.70	2.14		25.6		1.008	31
TOTAL	89.510	51.828	82.788	708.59	285.00	150.58	58.381	82.176	187.82	434.32	334.80	123.81	TOTAL
MEAN	2.24	1.85	2.67	23.6	8.55	5.02	1.82	2.85	6.60	14.0	11.2	3.98	MEAN
MAX	9.21	5.20	15.0	59.4	21.2	13.0	4.24	8.15	24.7	82.6	41.3	14.2	MAX
MIN	0.780	0.508	0.288	3.50	1.83	1.74	0.807	0.950	1.47	1.84	3.27	1.00	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 6.82
MAXIMUM DAILY 82.6 ON OCT 30
MINIMUM DAILY 0.2698 ON MAR 17
MAXIMUM INSTANTANEOUS
188 AT 21.53 NST ON OCT 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 49 18 N
LONG 59 11 40 W
DRAINAGE AREA 1138 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 010	JUL	4 870
FEB	4 480	AUG	7 100
MAR	7 150	SEP	14 500
APR	61 200	OCT	37 500
MAY	22 800	NOV	28 800
JUN	13 000	DEC	10 700

TOTAL DISCHARGE 218 000 dam³

LITTLE MECATINA RIVER ABOVE LAC FOURMONT - STATION NO. 02XA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	21.6B	17.4B	15.3B	17.8B	187	116	77.1	88.1	48.9	91.0	114	83.6	1
2	21.1B	17.3B	15.2B	17.8B	185	122	78.2	83.1	46.9	149	125	84.9	2
3	21.0B	17.2B	15.2B	18.1B	145	124	80.6	84.2	46.7	187	120	72.1	3
4	20.8B	17.1B	15.2B	19.1B	134	124	80.6	83.8	46.7	189	110	72.7	4
5	20.8B	17.0B	15.1B	20.8B	128	121	78.8	97.4	46.5	206	103	71.8	5
6	20.5B	16.8B	15.0B	23.5B	121	120	75.8	112	46.7	238	107	70.7	6
7	20.3B	16.6B	15.0B	32.0B	131	125	71.4	116	49.2	227	98.4	69.8	7
8	20.1B	16.7B	15.0B	45.0B	158	137	67.5	118	52.2	208	90.9	63.5	8
9	20.0B	16.6B	15.0B	54.0B	185	147	63.7	111	56.8	194	80.6	59.6	9
10	19.9B	16.6B	14.9B	78.0B	184	152	61.0	103	61.8	183	82.5	58.0B	10
11	19.8B	16.5B	14.9B	103 B	170	155	57.3	93.5	64.1	172	70.3	56.0B	11
12	19.8B	16.4B	14.9B	104 B	172	159	55.5	84.3	65.9	158	77.6	53.5B	12
13	19.5B	16.3B	14.8B	100 B	180	164	55.3	78.6	66.5	144	81.3	51.8B	13
14	19.4B	16.2B	14.8B	95.0B	192	183	59.6	75.8	64.7	132	73.9	50.0B	14
15	19.2B	16.1B	14.7B	90.0B	210	195	79.2	74.9	59.2	121	62.3	48.0B	15
16	19.1B	16.1B	14.7B	87.0B	224	183	71.6	72.3	55.6	112	67.3	46.5B	16
17	19.0B	16.0B	14.7B	85.0B	223	184	66.4	68.9	118	103	62.7	45.5B	17
18	18.9B	15.9B	14.6B	83.0B	215	182	72.8	69.9	144	97.8	60.9	44.5B	18
19	18.8B	15.9B	15.0B	86.0B	204	145	86.9	70.1	159	94.7	67.1	43.1B	19
20	18.7B	15.9B	15.5B	98.0B	190	136	93.2	67.5	150	91.5	83.2	42.0B	20
21	18.8B	15.8B	16.1B	118 B	173	130	93.9	65.9	134	90.0	83.5	41.0B	21
22	18.4B	15.7B	16.8B	271	162	120	92.1	63.2	125	89.2	86.7	40.0B	22
23	18.3B	15.7B	17.7B	348	151	111	87.8	59.8	111	89.2	88.1	39.5B	23
24	18.2B	15.6B	18.5B	357	138	102	81.6	58.1	101	85.8	89.5	38.5B	24
25	18.1B	15.6B	19.2B	347	128	95.7	77.4	55.3	97.8	84.9	73.3	37.8B	25
26	18.0A	15.4B	19.8B	308	121	88.7	71.0	55.2	94.0A	83.6	70.8	37.0B	26
27	17.9B	15.4B	20.0B	273	114	81.9	67.1	54.5	88.8	83.1	69.2	36.5B	27
28	17.8B	15.3B	19.9B	236	111	78.4	66.1	54.2	83.2	81.9	69.1	35.6B	28
29	17.7B		19.5B	208	107	75.9	75.4	53.3	78.6	82.5	65.6	35.0B	29
30	17.6B		18.5B	183	106	76.7	79.1	52.0	75.2	92.3	64.3	34.5B	30
31	17.5B		18.2B		106		83.5	51.0		103		34.0B	31
TOTAL	595.0	455.6	503.5	3 809.0	4 884	3 786.3	2 312.5	2 405.7	2 492.1	4 082.9	2 318.6	1 881.0	TOTAL
MEAN	19.2	16.3	16.2	130	157	126	74.6	77.6	83.1	131	77.3	60.4	MEAN
MAX	21.6	17.4	20.0	357	224	184	93.9	118	155	238	125	72.7	MAX
MIN	17.5	16.3	14.7	17.8	106	75.9	55.3	51.0	46.5	91.9	47.3	34.0	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 80.2
MAXIMUM DAILY, 357 ON APR 24
MINIMUM DAILY, 14.7B ON MAR 15
MAXIMUM INSTANTANEOUS,
375 AT 13:45 AST ON APR 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 13 42 N
LONG 61 19 21 W
DRAINAGE AREA, 4 540 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	51 500	JUL	200 000
FEB	38 400	AUG	208 000
MAR	43 500	SEP	215 000
APR	338 000	OCT	351 000
MAY	420 000	NOV	200 000
JUN	327 000	DEC	135 000

TOTAL DISCHARGE, 2 530 000 dam³

LITTLE SALMONIER RIVER NEAR NORTH HARBOUR - STATION NO 022K004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.78B	5.50 B	1.05 B	5.94	10.5	0.834	0.777	1.08	0.547	2.97	5.82	1.38	1
2	1.80B	12.0 B	0.970B	14.5	7.61	0.571	0.870	0.986	0.503	5.80	5.65	9.39	2
3	1.90B	22.6	0.690B	38.9	4.87	0.550	0.518	0.897	1.49	5.61	4.64	12.2	3
4	1.90B	13.8	0.830B	54.5	3.57	0.586	0.431	0.821	1.48	5.58	3.87	6.86	4
5	2.40B	8.69	0.780B	34.7	2.89	0.588	0.484	0.718	1.28	5.90	3.51	5.39	5
6	1.85B	5.77	0.730B	20.1	2.18	0.634	0.681	0.715	1.01	5.04	4.12	22.1	6
7	1.80B	4.39	0.690B	12.3	1.70	0.484	0.700	0.801	1.02	3.42	12.8	16.3	7
8	3.50B	3.11	0.660B	12.6	1.82	0.595	0.761	0.509	0.935	3.79	8.08	10.4	8
9	6.20B	1.82	0.625B	21.8	3.10	0.757	0.678	0.478	1.08	7.44	5.80	4.87	9
10	5.20B	2.05	0.600B	32.6	14.4	0.807	0.624	0.427	1.14	7.89	4.90	2.97	10
11	4.40B	4.31	0.575B	13.3	22.1	0.884	0.531	0.338E	1.04	4.78	4.24	2.62 B	11
12	5.50B	8.28	0.555B	7.31	12.7	0.849	0.431	0.246E	0.905	3.25	5.72	2.45	12
13	6.70B	5.21	0.535B	4.76	6.85	1.88	0.424	0.177E	0.807	2.48	23.0	3.72	13
14	7.00B	3.18	0.520B	3.73	4.04	5.50	0.400	0.136E	0.788	2.10	13.3	4.70	14
15	5.90B	2.70	0.510B	5.45	2.71	4.64	0.384	0.116E	1.01	1.78	8.11	4.81	15
16	4.80B	2.15 B	0.700B	11.0	2.07	4.20	0.393	0.108E	2.70	1.60	5.84	3.85	16
17	3.75B	1.85 B	1.20 B	8.62	2.24	3.01	0.388	0.100E	2.30	1.24	3.85	2.76	17
18	3.10B	1.60 B	2.00 B	5.83	2.24	2.11	0.349	0.098E	4.47	1.08	3.47	2.33	18
19	2.80B	1.40 B	7.00 B	8.36	1.88	1.85	0.328	0.092E	5.74	0.967	3.63	2.00 B	19
20	2.15B	1.28 B	20.0 B	7.94	1.55	1.39	0.342	0.088E	3.85	0.931	3.78	1.73 B	20
21	1.85B	1.17 B	42.2	8.20	1.47	1.15	0.339	0.083E	2.78	0.938	3.78	1.48 B	21
22	1.83B	1.07 B	32.3	5.10	1.18	0.881	0.334E	0.080E	1.88	3.09	8.13	1.32 B	22
23	1.45B	1.00 B	21.4	3.78	1.20	0.777	0.327E	0.237E	1.58	14.7	8.84	1.18 B	23
24	27.5 B	0.940B	13.8	3.26	1.18	0.887	0.318E	1.80	1.40	8.54	4.42	1.04 B	24
25	24.0	1.18 B	9.80	3.21	1.31	0.671	0.370E	2.37	1.18	5.45	3.35	0.970B	25
26	12.5	1.40 B	7.40	3.27	1.13	0.588	0.440E	1.72	1.30	5.75	2.91	0.900B	26
27	6.82	1.30 B	8.14	2.77	0.986	0.522	0.801	1.26	1.82	15.3	2.40	0.850B	27
28	4.30B	1.20 B	9.21	2.45	0.818	0.482	2.88	0.953	2.42	7.65	2.22	0.800B	28
29	3.35B		13.6	1.87	0.852	0.903	2.48	0.819	2.21	4.59	1.92	0.750B	29
30	2.80B		10.7	2.17	0.677	0.774	1.72	0.704	1.80	7.88	1.70	0.810B	30
31	2.60B		7.68		0.811		1.33	0.600		8.96		1.10 B	31
TOTAL	185.40	118.240	215.050	348.30	131.996	39.092	21.151	18.341	52.876	181.956	171.82	138.050	TOTAL
MEAN	5.34	4.26	6.94	11.6	3.94	1.30	0.682	0.824	1.76	5.21	5.73	4.39	MEAN
MAX	27.5	22.6	42.2	54.5	22.1	5.50	2.88	2.37	5.74	15.3	23.0	22.1	MAX
MIN	1.45	0.940	0.510	1.87	0.811	0.482	0.318	0.080	0.547	0.931	1.70	0.750	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.31
MAXIMUM DAILY, 54.5 ON APR 4
MINIMUM DAILY, 0.080E ON AUG 22
MAXIMUM INSTANTANEOUS,
58.0 AT 07:03 NST ON APR 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 07 15 N
LONG 53 44 00 W
DRAINAGE AREA, 104 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	14 300	JUL	1 830
FEB	10 300	AUG	1 670
MAR	18 500	SEP	4 550
APR	30 100	OCT	16 000
MAY	10 500	NOV	14 800
JUN	3 380	DEC	11 800

TOTAL DISCHARGE 138 000 dam³

LLOYDS RIVER BELOW KING GEORGE IV LAKE - STATION NO. 02YN002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.788	3.808	3.188	11.78	81.8	10.3	6.80	3.44	3.76	5.54	80.8	17.0	1
2	5.588	4.008	3.108	15.5	83.0	9.33	5.94	3.21	5.03	11.4	87.3	26.8	2
3	5.408	4.088	3.008	27.0	88.7	8.74	5.55	3.41	10.3	18.4	82.9	32.4	3
4	5.288	4.258	2.978	46.4	86.1	8.54	5.25	3.43	13.0	22.5	41.1	30.8	4
5	5.108	4.228	2.908	70.7	81.5	7.87	4.94	3.55	13.4	55.9	32.8	27.2	5
6	5.008	4.188	2.858	87.7	68.7	7.32	4.83	3.32	12.7	83.2	33.3	27.8	6
7	5.108	4.088	2.808	84.8	85.2	7.08	4.86	3.17	11.8	84.1	48.4	27.6	7
8	5.408	4.008	2.788	85.7	79.5	7.13	4.28	3.08	11.2	63.7	63.7	24.2	8
9	5.538	3.908	2.708	88.2	78.6	6.86	4.27	2.93	10.4	34.3	37.0	19.8	9
10	5.408	4.108	2.838	104	70.6	7.10	3.88	2.82	9.36	27.4	30.7	11.8	10
11	5.188	4.308	2.808	85.2	83.4	7.15	3.83	2.70	8.82	22.1	25.3	18.2	11
12	5.008	4.358	2.858	79.6	58.8	7.08	3.80	2.84	7.84	18.0	21.4	17.0	12
13	4.908	4.358	2.508	62.6	53.0	7.85	3.37	2.48	8.97	16.1	27.0	17.0	13
14	4.788	4.358	2.488	49.4	49.0	8.27	3.26	2.40	8.56	13.1	35.1	15.9	14
15	4.608	4.258	2.438	43.7	43.1	8.86	3.17	2.27	8.84	11.8	33.7	14.8	15
16	4.508	4.188	2.388	48.0	40.6	10.4	3.31	2.18	8.57	10.1	28.8	14.0 B	16
17	4.408	4.088	2.348	48.8	47.3	10.7	3.20	2.18	8.44	8.88	23.8	13.3 B	17
18	4.308	4.008	2.308	48.8	48.4	10.3	3.18	2.12	8.33	8.35	20.9	12.5 B	18
19	4.208	3.988	2.408	74.8	40.3	9.87	2.82	2.13	8.17	7.88	23.2	11.8 B	19
20	4.078	3.858	2.678	117	32.8	9.49	2.88	2.12	8.01	7.88	28.8	11.0 B	20
21	4.008	3.808	2.788	120	27.8	8.88	2.38	2.18	8.88	7.41	43.8	10.3 B	21
22	3.848	3.708	2.858	135	23.8	8.37	3.34	2.45	8.17	7.84	144	9.708	22
23	3.778	3.608	3.258	123	21.7	7.73	3.22	2.72	8.32	8.91	158	9.308	23
24	3.888	3.558	3.558	97.0	20.7	7.08	3.17	2.82	8.31	11.5	111	8.708	24
25	4.018	3.508	3.808	78.7	18.8	7.80	2.31	3.12	4.84	12.0	77.7	8.308	25
26	3.988	3.438	4.408	61.9	18.8	7.88	2.23	3.30	4.86	13.4	55.0	8.008	26
27	3.908	3.358	5.008	50.3	16.4	7.38	2.49	3.43	4.83	15.7	39.6	7.808	27
28	3.808	3.308	5.808	40.5	13.1	7.02	2.45	3.68	5.28	16.3	29.9	7.308	28
29	3.728		6.808	32.5	13.3	7.02	2.25	3.84	5.36	19.7	23.3	7.008	29
30	3.858		8.008	45.8	11.6	6.74	2.16	3.80	5.49	75.1	18.7	6.808	30
31	3.858		9.408		10.9		2.13	3.76		89.6		6.508	31
TOTAL	141.77	110.67	109.02	2 088.3	1 342.8	245.49	107.89	89.65	221.13	747.48	1 432.3	478.10	TOTAL
MEAN	4.57	3.95	3.53	70.0	43.3	8.18	3.47	2.89	7.37	24.1	47.7	15.5	MEAN
MAX	5.78	4.36	9.40	135	83.0	10.7	6.80	3.84	13.4	89.6	158	32.4	MAX
MIN	3.68	3.30	2.30	11.7	10.9	6.74	2.13	2.12	3.76	5.54	18.7	6.50	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 19.5
MAXIMUM DAILY, 158 ON NOV 23
MINIMUM DAILY, 2.12 ON AUG 18
MAXIMUM INSTANTANEOUS,
176 AT 20 59 NST ON NOV 22

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 16 32 N
LONG 57 46 41 W
DRAINAGE AREA, 485 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	12 200	JUL	9 300
FEB	9 540	AUG	7 750
MAR	9 420	SEP	19 100
APR	181 000	OCT	64 600
MAY	116 000	NOV	124 000
JUN	21 200	DEC	41 400

TOTAL DISCHARGE 616 000 dam³

MAIN RIVER AT PARADISE POOL - STATION NO. 03YG001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.508	3.358	2.808	10.0 B	99.0E	50.9	14.0 E	3.75E	5.70E	11.0	41.3	15.2	1
2	5.208	3.258	2.558	9.808	77.3	52.3	13.0 E	4.15E	7.40E	48.5	30.7	33.0	2
3	5.008	3.158	2.508	15.0 B	63.9	51.9	12.3 E	4.60E	8.80E	49.1	24.7	34.9	3
4	4.808	3.058	2.458	27.0 B	46.3	52.0	11.6 E	5.00E	10.5 E	35.9	20.7	23.2	4
5	4.608	3.008	2.388	50.0 B	45.7	52.9	10.9 E	4.70E	12.5 E	52.0	16.9	21.0	5
6	4.408	2.908	2.388	101 E	73.4	51.9	10.3 E	4.40E	13.5 E	48.4	16.2	18.5 B	6
7	4.308	2.808	2.308	117 E	48.2	9.70E	4.15E	15.0 E	35.7	24.5	18.5 B	7
8	4.208	2.708	2.288	118 E	46.5	9.20E	3.80E	16.5 E	27.3	18.7	15.5 B	8
9	4.008	2.608	2.238	133 E	46.5	8.70E	3.75E	21.0 E	23.5	16.4	14.0 B	9
10	3.808	2.558	2.208	56.1	108 E	48.0A	8.30E	3.55E	24.0 E	23.8	15.4	14.0 B	10
11	3.808	3.008	2.178	48.0	111 E	48.0E	7.80E	3.45E	29.5 E	25.7	13.9	13.2 B	11
12	3.858	3.308	2.158	40.2	108 E	48.0E	7.50E	3.55E	26.5 E	23.2	11.7	12.5 B	12
13	3.508	4.008	2.128	33.7	87.4	44.0E	7.00E	3.80E	24.5 E	18.6	12.0	11.8 B	13
14	3.458	3.908	2.108	29.8	83.5	42.0E	6.80E	3.85E	22.5 E	15.6	10.9	11.0 B	14
15	3.758	3.808	2.088	26.8	80.4E	41.0E	6.20E	3.81E	21.0 E	13.3	9.89	10.5 B	15
16	4.208	3.758	2.088	24.5	112 E	40.0E	5.80E	3.82E	21.2 E	11.4	7.83	10.0 B	16
17	4.508	3.658	2.108	23.0	124 E	36.5E	5.40E	3.84E	21.7 A	10.0	8.53	9.808	17
18	4.808	3.508	2.408	22.3	107 E	33.5E	5.10E	3.85E	22.2	9.78	8.91	9.308	18
19	5.058	3.458	2.708	40.4	72.5	31.0E	4.95E	3.80E	17.0	8.18	50.6	8.908	19
20	5.008	3.358	3.008	89.8	85.8	28.5E	4.80E	3.48E	13.4	8.12	43.6	8.508	20
21	4.808	3.258	3.408	150 E	80.6	26.0E	4.55E	3.50E	10.7	7.83	42.3	8.108	21
22	4.858	3.158	3.808	184 E	52.3	24.0E	4.35E	3.50E	8.08	13.8	195 E	7.808	22
23	4.508	3.058	4.408	195 E	50.2	22.0E	4.20E	3.50E	7.82	51.5	180 E	7.508	23
24	4.308	3.008	5.008	187 E	85.1	21.0E	4.10E	4.00E	6.93	31.2	78.6	7.308	24
25	4.208	2.958	6.008	90.8 E	88.1	19.8E	4.30E	4.80E	7.16	23.8	51.2	7.008	25
26	4.108	2.858	7.008	58.4	89.8	18.6E	4.20E	5.10E	8.88	22.8	34.8	6.808	26
27	3.908	2.808	8.808	48.8	83.5	17.8E	4.05E	5.10E	12.3	41.2	28.3	6.808	27
28	3.808	2.708	10.0 B	44.3	81.5	17.0E	4.35E	4.80E	15.3	33.6	24.5	6.408	28
29	3.708		11.8 B	38.7	83.6	16.0E	3.90E	4.80E	12.8	27.1	19.3	6.208	29
30	3.658		11.0 B	46.4	88.0	15.0E	3.70E	5.50E	11.7	88.4	16.7	6.008	30
31	3.458		10.5 B		82.0		3.55E	6.00E		61.3		5.808	31
TOTAL	132.55	88.84	128.24	1 914.10	2 531.4	1 094.8	214.40	127.87	488.88	812.08	1 078.95	387.80	TOTAL
MEAN	4.28	3.17	4.14	63.8	81.7	36.5	6.92	4.12	15.8	29.4	35.8	12.5	MEAN
MAX	5.50	4.00	11.8	195	182	52.8	14.0	6.00	34.0	88.4	195	34.9	MAX
MIN	3.45	2.95	2.08	9.60	45.7	15.0	3.55	3.45	5.70	7.83	7.83	5.80	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 24.9
MAXIMUM DAILY, 195E ON APR 23
MINIMUM DAILY, 2.088 ON MAR 15
MAXIMUM INSTANTANEOUS
201E AT 15 30 NST ON APR 23

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 48 48 N
LONG 57 09 24 W
DRAINAGE AREA 827 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	11 500	JUL	18 500
FEB	7 880	AUG	11 000
MAR	11 100	SEP	40 500
APR	185 000	OCT	78 800
MAY	219 000	NOV	83 000
JUN	84 800	DEC	33 500

TOTAL DISCHARGE 784 000 dam³

REMARKS - THE "E" FOR DISCHARGES ABOVE 89.8 m³/s IS DUE TO STAGE DISCHARGE CURVE EXTENSION

MIDDLE ARM BROOK BELOW FLATWATER POND - STATION NO 02YG002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.9508	0.8308	1.20 B	3.208	24.1	3.17	1.30	0.240	0.012E	0.191	3.71	8.88	1
2	0.9008	0.8008	1.13 B	4.118	27.2	2.82	1.23	0.239	0.023E	0.321	3.80	8.10	2
3	0.8808	0.7858	1.08 B	8.008	27.8	2.72	1.14	0.210	0.044E	0.348	3.81	7.84	3
4	0.8358	0.7858	1.03 B	10.2	28.1	2.55	1.04	0.187	0.038E	0.449	3.96	8.71	4
5	0.8008	0.7508	1.00 B	16.7	33.8	2.40	0.933	0.182	0.029E	0.880	4.08	8.34	5
6	0.7708	0.7308	0.9608	25.3	21.8	2.24	0.833	0.132	0.021E	0.717	4.38	8.80	6
7	0.7358	0.7208	0.9108	31.7	20.6	2.13	0.817	0.115	0.022E	0.783	4.89	8.82	7
8	0.7108	0.7008	0.8708	34.6	20.5	1.85	0.822	0.114	0.124	0.891	5.01	8.84	8
9	0.8858	0.8308	0.8828	33.3	21.2	1.80	0.828	0.082E	0.178	1.11	5.38	7.13	9
10	0.8458	0.8408	0.8158	31.3	21.1	1.80	0.784	0.078E	0.098	1.33	5.57	8.77	10
11	1.20 B	0.9408	0.7808	27.7	20.0	1.70	0.780	0.081E	0.088E	1.34	5.89	8.40	11
12	2.00 B	1.07 B	0.7888	26.5	18.4	1.68	0.728	0.078E	0.050E	1.47	5.78	5.92	12
13	1.87 B	0.9808	0.7408	22.2	17.0	1.69	0.663	0.052E	0.043E	1.45	5.83	5.408	13
14	1.77 B	0.9408	0.7158	19.8	16.5	1.57	0.617	0.052E	0.040E	1.53	5.99	4.808	14
15	1.67 B	0.9008	0.6908	17.8	13.9	1.58	0.572	0.052E	0.037E	1.80	5.07	4.408	15
16	1.57 B	0.8618	0.8008	15.7	12.6	1.80	0.569	0.048E	0.058E	1.57	5.86	4.008	16
17	1.48 B	0.8358	1.95 B	14.2	12.1	1.80	0.563	0.050E	0.108	1.43	5.28	3.828	17
18	1.42 B	0.8008	1.75 B	14.2	12.0	1.83	0.500	0.058E	0.148	1.28	5.30	3.328	18
19	1.33 B	0.7758	1.63 B	13.8	11.8	1.82	0.407	0.058E	0.183	1.40	5.18	3.038	19
20	1.28 B	0.7508	1.48 B	33.8	11.6	1.83	0.367	0.081E	0.172	1.37	5.00	2.808	20
21	1.22 B	0.7208	1.37 B	53.6 E	11.1	1.71	0.311	0.057E	0.138	1.35	5.72	2.11	21
22	1.18 B	0.6958	1.28 B	71.0 E	10.1	1.76	0.278	0.084E	0.118	1.42	8.32	3.268	22
23	1.13 B	0.6758	1.20 B	78.7 E	9.00	1.72	0.272	0.074E	0.108	1.80	14.0	2.958	23
24	1.08 B	0.8508	1.17 B	77.3 E	8.31	1.58	0.288	0.067E	0.105	1.72	17.7	2.708	24
25	1.03 B	0.8408	1.22 B	66.2 E	7.30	1.57	0.282	0.068E	0.128	1.88	18.5	2.488	25
26	1.00 B	1.20 B	1.30 B	54.3 E	6.65	1.58	0.307	0.067E	0.138	1.76	15.9	2.288	26
27	0.9708	1.38 B	1.42 B	42.6 E	5.89	1.47	0.350	0.028E	0.138	1.82	14.0	2.158	27
28	0.9408	1.22 B	1.56 B	32.7	4.89	1.38	0.322	0.030E	0.152	2.06	12.8	2.058	28
29	0.9058		1.75 B	27.7	4.40	1.31	0.316	0.031E	0.143	2.32	11.2	1.888	29
30	0.8608		2.00 B	24.0	3.82	1.34	0.271	0.024E	0.187	3.01	9.88	1.808	30
31	0.8508		2.50 B		3.56		0.262	0.018E		3.28		1.848	31
TOTAL	34.865	23.841	37.981	834.71	484.02	55.47	18.898	2.880	2.784	43.230	330.44	141.18	TOTAL
MEAN	1.12	0.844	1.23	31.2	14.8	1.85	0.610	0.088	0.083	1.39	7.88	4.55	MEAN
MAX	2.00	1.38	2.50	78.7	27.8	3.17	1.30	0.240	0.178	3.28	18.5	8.88	MAX
MIN	0.845	0.840	0.880	3.20	3.56	1.31	0.262	0.018	0.012	0.191	3.71	1.84	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.42
MAXIMUM DAILY, 78.78 ON APR 23
MINIMUM DAILY, 0.0128 ON SEP 1
MAXIMUM INSTANTANEOUS,
82.08 AT 15:45 NST ON APR 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 46 22 N
LONG 55 20 33 W
DRAINAGE AREA, 334 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 000	JUL	1 630
FEB	2 040	AUG	232
MAR	3 280	SEP	241
APR	80 600	OCT	3 740
MAY	39 200	NOV	19 900
JUN	4 780	DEC	12 200

TOTAL DISCHARGE, 171 000 dam³

REMARKS - THE "E" FOR DISCHARGES ABOVE 40.2 m³/s AND BELOW 0.096 m³/s IS DUE TO STAGE DISCHARGE CURVE EXTENSION

MIDDLE BROOK NEAR GAMBO - STATION NO 02YR001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.608	5.308	4.308	15.6	14.4	4.82	2.33	0.535	0.230	0.284	1.03	4.75	1
2	2.708	4.308	4.058	16.7	13.8	4.69	2.25	0.498	0.211	0.321	1.13	5.28	2
3	2.608	7.308	3.608	16.9	13.0	4.62	2.08	0.481	0.214	0.304	1.17	5.40	3
4	2.958	7.75	3.658	22.3	13.2	4.28	1.93	0.455	0.213	0.406	1.35	5.35	4
5	3.258	7.48	3.558	24.0	11.5	4.05	1.88	0.428	0.204	0.470	1.23	5.40	5
6	3.488	7.148	3.388	24.7	11.0	3.74	1.81	0.395	0.183	0.488	1.84	7.17	6
7	3.268	6.808	3.248	24.6	10.8	3.48	1.71	0.385	0.178	0.508	1.80	7.85	7
8	3.188	6.428	3.108	25.3	10.2	3.85	1.68	0.378	0.208	0.511	2.00	8.02	8
9	3.508	6.058	2.898	27.6	9.75	4.08	1.81	0.323	0.228	2.19	1.80	7.80	9
10	3.908	5.708	2.678	30.8	9.61	4.18	1.82	0.285	0.222	0.534	2.27	7.21	10
11	4.358	5.908	2.778	30.7	10.4	4.18	1.46	0.267	0.198	0.527	2.35	7.01	11
12	4.838	6.308	2.708	28.3	10.4	4.03	1.38	0.258	0.180	0.503	2.87	6.82	12
13	4.708	6.108	2.808	26.1	10.3	4.09	1.38	0.251	0.178	0.480	3.87	7.32	13
14	4.578	5.908	2.518	23.6	9.80	4.18	1.33	0.258	0.180	0.479	4.35	7.88	14
15	4.358	5.858	2.478	23.0	9.27	4.07	1.28	0.237	0.184	0.488	4.78	7.81	15
16	4.188	5.308	3.258	26.3	8.70	4.34	1.28	0.240	0.208	0.498	5.04	7.78	16
17	4.008	5.108	4.108	24.3	8.85	4.87	1.16	0.224	0.188	0.485	4.80	7.78	17
18	3.858	4.808	5.108	24.0	8.81	4.81	1.07	0.204	0.348	0.471	4.84	7.84	18
19	3.888	4.428	5.28A	26.8	8.88	4.48	0.978	0.282	0.382	0.478	5.06	7.21	19
20	3.588	4.428	7.72	27.8	8.82	4.23	0.904	0.235	0.354	0.508	5.00	6.908	20
21	3.438	4.228	9.80	27.8	8.46	4.02	0.883	0.215	0.332	0.506	5.15	6.888	21
22	3.318	4.148	11.0	27.0	8.33	3.88	0.813	0.317	0.338	0.536	5.72	6.358	22
23	3.208	3.998	12.3	26.7	8.11	3.41	0.788	0.288	0.338	0.844	5.84	6.158	23
24	4.108	3.858	13.0	23.9	7.84	3.17	0.733	0.314	0.335	0.837	5.81	5.808	24
25	5.088	4.258	13.4	22.2	7.58	3.04	0.680	0.288	0.309	0.806	5.77	5.308	25
26	6.208	4.808	13.2	20.3	7.28	2.80	0.682	0.288	0.321	0.840	5.89	5.108	26
27	5.958	4.708	13.2	18.8	6.75	2.67	0.858	0.305	0.318	0.708	5.48	5.808	27
28	5.608	4.478	13.7	17.3	6.40	3.45	0.888	0.280	0.288	0.845	5.38	5.808	28
29	5.258		14.2	15.9	6.03	3.38	0.837	0.288	0.300	0.872	5.20	5.408	29
30	5.008		14.6	15.1	5.68	3.33	0.888	0.285	0.288	0.843	5.01	5.208	30
31	4.788		15.0		5.08		0.882	0.237		0.910		5.068	31
TOTAL	135.81	154.88	217.53	702.9	288.88	115.80	38.906	8.737	7.884	16.833	113.87	203.29	TOTAL
MEAN	4.38	5.53	7.02	23.4	9.32	3.85	1.26	0.314	0.288	0.538	3.80	6.56	MEAN
MAX	6.20	7.75	15.0	30.8	14.4	4.87	2.33	0.535	0.382	0.910	5.84	8.02	MAX
MIN	2.60	3.85	2.47	15.1	5.08	2.33	0.882	0.204	0.178	0.284	1.03	4.78	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.47
MAXIMUM DAILY, 30.8 ON APR 10
MINIMUM DAILY, 0.178 ON SEP 13
MAXIMUM INSTANTANEOUS,
31.5 AT 18:20 NST ON APR 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 48 28 N
LONG 54 13 28 W
DRAINAGE AREA, 287 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	10 800	JUL	3 360
FEB	13 400	AUG	841
MAR	18 800	SEP	881
APR	80 700	OCT	1 440
MAY	35 000	NOV	8 840
JUN	9 980	DEC	17 800

TOTAL DISCHARGE, 172 000 dam³

NEWFOUNDLAND AND LABRADOR

MINIPI RIVER BELOW MINIPI LAKE - STATION NO. 03OE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	15.48	11.98	10.88	11.28	70.3	94.8	85.7	37.2	32.1	44.5	85.5	42.8	1
2	15.38	11.88	10.68	11.18	71.8	93.6	80.7	36.7	30.7	54.2	82.0	44.0	2
3	15.18	11.88	10.88	11.08	72.8	93.3	80.8	36.3	27.8	62.3	88.2	44.1	3
4	14.88	11.68	10.68	11.58	71.7	91.0	89.8	35.9	26.8	66.3	82.8	43.1	4
5	14.68	11.78	10.68	11.4	73.6	90.8	87.7	36.0	28.3	72.7	83.9	42.4	5
6	14.78	11.78	10.78	12.3	76.8	91.2	85.1	34.8	28.2	82.3	83.8	41.8	6
7	14.58	11.88	10.78	13.0	84.6	94.3	82.4	35.6	28.3	87.0	87.8	41.4	7
8	14.48	11.88	10.78	13.3	86.6	96.2	81.7	37.4	30.6	91.7	86.3	41.08	8
9	14.28	11.48	10.78	14.0	89.4	95.8	80.3	38.0	28.4	88.7	85.0	40.58	9
10	14.08	11.48	10.78	14.1	91.8	94.9	46.5	36.9	28.4	95.0	84.1	40.08	10
11	13.88	11.38	10.78	14.5	91.6	94.1	48.3	37.1	28.5	94.9	82.0	39.58	11
12	13.68	11.38	10.78	15.3	89.9	97.1	46.6	36.1	27.7	96.0	82.0	39.08	12
13	13.68	11.28	10.78	15.4	93.9	101	45.0	36.0	27.8	96.2	80.2	38.08	13
14	13.58	11.28	10.68	15.8	103	102	45.9	35.7	26.0	95.7	49.9	37.88	14
15	13.48	11.28	10.68	16.0	108	104	47.8	34.4	32.1	91.9	47.9	37.08	15
16	13.38	11.18	10.78	16.5	110	101	43.1	34.7	33.6	86.8	46.5	36.58	16
17	13.28	11.18	10.88	17.3	111	98.8	42.1	35.2	36.6	90.8	46.2	36.08	17
18	13.18	11.18	10.88	18.6	110	98.8	41.8	36.3	37.2	91.8	46.6	35.58	18
19	13.08	11.08	11.08	21.6	107	100	37.7	33.1	36.9	89.0	45.3	34.98	19
20	12.98	11.08	11.18	26.2	105	93.3	38.0	34.7	37.1	88.0	44.9	34.58	20
21	12.88	11.08	11.28	30.1	111	94.1	39.4	34.1	36.6	86.8	44.4	33.88	21
22	12.78	11.08	11.48	35.8	108	93.1	38.5	33.7	36.8	81.7	46.1	33.58	22
23	12.68	10.98	11.68	40.7	108	90.6	37.8	34.2	36.8	76.4	45.7	33.08	23
24	12.58	10.98	11.78	43.2	108	87.1	39.2	33.1	36.7	76.8	45.0	32.58	24
25	12.48	10.88	11.78	47.3	105	82.0	36.6	32.3	36.8	77.6	44.2	32.08	25
26	12.48	10.88	11.68	50.4	104	81.3	38.1	31.3	37.2	76.5	43.1	31.88	26
27	12.38	10.88	11.68	55.1	101	78.5	36.7	31.8	36.6	72.6	42.5	31.18	27
28	12.28	10.88	11.48	60.0	98.9	77.1	37.7	31.7	34.4	73.3	42.1	31.08	28
29	12.18		11.48	64.3	97.2	73.6	36.6	32.1	36.7	73.6	41.6	30.58	29
30	12.18		11.48	67.7	96.6	68.7	36.7	30.2	36.3	88.1	41.8	30.08	30
31	12.08		11.38		98.4		37.0	29.8		89.2		29.88	31
TOTAL	417.1	315.6	341.8	794.0	2 980.0	2 754.2	1 412.6	1 070.4	986.8	2 496.7	1 527.2	1 139.0	TOTAL
MEAN	13.5	11.3	11.0	26.5	95.5	91.8	45.8	34.5	32.9	80.5	50.9	36.7	MEAN
MAX	15.4	11.8	11.7	67.7	111	104	85.7	38.0	38.3	96.2	86.3	44.1	MAX
MIN	12.0	10.9	10.6	11.0	70.3	68.7	36.1	29.8	26.8	44.5	41.8	29.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 44.4
MAXIMUM DAILY, 111 ON MAY 17
MINIMUM DAILY, 10.88 ON MAR 14
MAXIMUM INSTANTANEOUS,
113 AT 05:05 AST ON MAY 22

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 36 53 N
LONG 61 11 11 W
DRAINAGE AREA, 2 330 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	36 000	JUL	122 000
FEB	27 300	AUG	92 500
MAR	29 500	SEP	85 300
APR	68 600	OCT	216 000
MAY	256 000	NOV	132 000
JUN	238 000	DEC	98 400

TOTAL DISCHARGE, 1 400 000 dam³

MOBILE RIVER AT MOBILE FIRST POND - STATION NO 02ZH003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.08	6.80	5.18	4.13	10.9	8.80	5.87	5.82	4.08	4.33	0	3.78	1
2	5.81	10.3	4.81	3.80	10.4	8.48	5.88	5.83	5.15	8.27	6.51	7.87	2
3	5.01	8.17	3.20	11.6	10.5	8.09	5.15	4.88	4.36	8.40	3.88	7.48	3
4	5.21	7.14	3.48	12.2	10.0	8.88	5.24	4.87	5.04	8.17	0.042	7.16	4
5	5.89	8.00	6.14	11.6	3.37	5.27	5.49	5.38	4.70	8.40	0	10.8	5
6	5.72	8.87	4.86	12.2	8.43	5.18	5.85	6.03	4.25	8.54	1.36	10.7	6
7	4.58	8.17	5.10	12.2	8.63	5.10	4.80	5.18	3.88	8.34	1.75	8.80	7
8	4.84	5.18	5.24	12.2	8.43	4.84	8.43	5.18	5.21	8.40	0	8.15	8
9	8.82	5.04	4.70	12.2	8.84	8.85	7.42	5.21	4.80	8.71	2.28	7.42	9
10	5.24	7.28	4.84	12.2	7.82	5.87	5.87	4.88	3.84	8.48	8.12	2.17	10
11	5.47	8.10	5.47	12.0	10.5	5.84	5.88	5.01	3.03	5.55	3.57	6.30	11
12	6.34	6.08	8.08	10.2	10.4	8.03	5.14	5.35	3.81	8.48	3.77	6.08	12
13	6.83	8.51	4.83	7.67	10.4	8.87	8.10	4.30	3.37	8.27	10.3	7.87	13
14	8.28	3.87	4.78	8.08	8.87	5.72	4.38	2.88	3.23	8.10	8.87	10.5	14
15	8.31	5.01	6.03	3.45	4.70	8.08	0	4.78	3.81	2.78	4.88	8.27	15
16	5.38	6.94	5.72	10.3	8.82	8.09	0	4.87	4.50	8.04	8.17	2.34	16
17	4.88	6.03	8.72	10.4	8.81	8.08	2.08	4.30	3.28	4.78	8.87	3.28	17
18	4.28	4.58	10.5	10.5	8.08	8.38	0.371	5.72	4.93	4.81	8.18	1.80	18
19	5.47	7.08	11.4	11.1	8.85	4.70	8.13	4.76	8.77	8.84	8.20	2.42	19
20	3.78	8.88	12.1	11.4	8.20	8.21	5.10	4.33	8.08	8.15	7.18	3.83	20
21	4.87	4.28	12.2	10.4	4.78	4.78	3.84	8.87	3.88	8.72	8.03	2.88	21
22	8.18	8.21	11.7	10.8	8.18	4.28	3.88	4.18	8.08	8.88	8.71	8.10	22
23	8.48	8.83	7.78	10.8	8.13	8.20	8.88	4.78	8.08	8.37	8.88	4.47	23
24	7.82	8.18	3.87	7.88	8.24	8.08	4.88	3.78	8.08	4.82	4.08	3.88	24
25	3.88	8.84	10.4	8.88	4.80	8.88	8.38	8.44	0	4.48	7.87	8.32	25
26	8.23	8.08	8.18	8.88	8.21	4.83	8.83	8.18	0	3.84	7.88	4.84	26
27	8.23	8.82	8.88	10.8	8.18	3.28	8.78	8.18	0	8.84	4.33	4.33	27
28	8.80	8.38	7.32	10.2	8.84	8.81	8.48	4.78	0	8.81	2.87	1.23	28
29	8.28		8.27	8.88	8.18	8.88	8.18	3.84	0	2.80	8.31	2.48	29
30	8.44		0	7.84	8.18	8.18	8.82	4.78	0	3.37	4.78	3.88	30
31	8.81		0		8.10		3.91	4.88		8.24		3.88	31
TOTAL	172.88	174.83	194.73	288.63	209.36	187.84	150.581	151.88	108.33	173.27	143.882	185.81	TOTAL
MEAN	5.57	6.24	6.28	9.88	8.78	6.88	4.88	4.88	3.84	5.88	4.78	5.34	MEAN
MAX	7.82	10.3	12.2	12.2	10.9	8.85	8.10	6.83	8.77	8.27	10.3	10.7	MAX
MIN	3.78	3.87	0	3.45	3.37	3.28	0	2.88	0	2.80	0	1.23	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.78
MAXIMUM DAILY, 12.2 ON MAR 21
MINIMUM DAILY, 0 ON MAR 30

DATA CONTRIBUTED BY -
NEWFOUNDLAND LIGHT AND POWER COMPANY LIMITED

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 47 14 58 N
LONG 52 53 30 W
DRAINAGE AREA, 112 km²

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	14 900	JUL	13 000
FEB	15 100	AUG	13 100
MAR	16 800	SEP	8 450
APR	25 500	OCT	15 000
MAY	18 100	NOV	12 400
JUN	14 500	DEC	14 300

TOTAL DISCHARGE, 182 000 dam³

NASKAUPI RIVER BELOW NASKAUPI LAKE - STATION NO 03PB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	19.88	16.78	14.78	32.88	130	172	83.7	135	70.4	89.2	105	73.08	1
2	19.78	16.68	14.78	28.08	139	167	83.2	133	71.8	89.0	102	69.58	2
3	19.68	16.68	14.68	29.58	127	163	81.1	130	72.5	87.6	97.3	67.08	3
4	19.58	16.48	14.58	33.58	124	161	79.6	128	72.5	72.6	94.08	65.08	4
5	19.48	16.38	14.58	37.08	121	159	78.6	126	70.1	83.3	89.08	63.08	5
6	19.38	16.28	14.48	42.58	133	156	77.4	124	71.5	87.8	82.58	61.08	6
7	19.38	16.28	14.48	47.08	138	154	77.3	119	70.5	82.2	86.08	59.58	7
8	19.08	16.18	14.38	53.08	150	153	74.5	112	69.3	87.5	81.08	57.58	8
9	18.98	16.18	14.38	59.08	155	152	73.4	108	69.0	110	88.08	56.08	9
10	18.88	16.18	14.28	67.08	163	152	74.0	103	67.3	113	85.08	55.08	10
11	18.78	15.98	14.28	79.08	171	151	88.6	99.3	86.2	115	82.58	53.58	11
12	18.88	15.88	14.18	85.08	174	149	87.8	96.0	84.8	114	80.58	52.08	12
13	18.58	15.88	14.08	87.08	181	148	86.5	93.5	84.2	114	78.58	51.08	13
14	18.48	15.78	14.08	86.58	186	142	86.1	92.5	82.4	110	77.08	50.08	14
15	18.38	15.68	14.08	82.08	207	138	70.3	91.5	83.7	111	75.58	49.08	15
16	18.28	15.58	13.98	76.08	218	136	75.7	89.0	87.7	110	73.58	48.08	16
17	18.18	15.58	13.88	72.58	228	131	78.4	86.3	86.4	105	72.08	47.08	17
18	17.88	15.48	13.88	70.08	241	135	85.3	87.0	89.0	101	70.08	46.08	18
19	17.68	15.38	13.88	67.58	247	131	87.0	86.5	72.8	98.9	69.08	45.08	19
20	17.78	15.38	13.78	67.08	244	118	102	83.2	76.5	99.1	68.58	44.58	20
21	17.88	15.28	13.68	73.2	236	112	103	81.4	78.7	97.3	70.08	43.58	21
22	17.58	15.28	13.58	83.8	237	107	107	78.4	78.7	101	72.08	42.58	22
23	17.48	15.18	14.08	83.3	229	102	110	78.0	78.4	103	73.08	42.08	23
24	17.38	15.08	14.28	105	214	97.0	108	77.0	79.8	99.3	74.08	41.08	24
25	17.28	15.08	14.88	117	202	93.6	117	76.1	76.4	84.7	76.08	40.58	25
26	17.18	14.88	15.18	124	194	89.3	118	76.3	77.2	82.7	78.08	40.08	26
27	17.08	14.88	15.88	130	186	84.3	121	75.1	76.3	81.4	80.08	39.58	27
28	16.98	14.88	16.38	131	184	82.5	125	74.4	74.2	89.7	81.08	38.58	28
29	16.88		17.38	131	180	83.7	128	74.0	71.6	95.4	79.08	38.08	29
30	16.68		18.18	131	174	84.3	132	74.8	68.9	103	76.08	37.58	30
31	18.78		20.28		173		134	73.4		103		37.08	31
TOTAL	583.7	439.2	456.8	2 308.8	5 687	3 881.8	2 887.0	2 888.0	2 143.7	3 012.3	2 446.8	1 552.5	TOTAL
MEAN	18.2	15.7	14.7	77.0	183	129	93.5	93.5	71.5	97.2	81.5	50.1	MEAN
MAX	19.8	16.7	30.2	131	247	172	134	135	78.7	115	105	73.0	MAX
MIN	16.7	14.8	13.7	22.8	121	82.5	88.8	73.4	62.4	67.6	68.0	37.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 77.5
MAXIMUM DAILY, 247 ON MAY 19
MINIMUM DAILY, 13.78 ON MAR 30
MAXIMUM INSTANTANEOUS,
251 AT 11.30 NST ON MAY 19

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 54 07 54 N
LONG 61 25 45 W
DRAINAGE AREA, 4 480 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	48 700	JUL	248 000
FEB	37 800	AUG	248 000
MAR	39 500	SEP	185 000
APR	199 000	OCT	260 000
MAY	490 000	NOV	211 000
JUN	335 000	DEC	134 000

TOTAL DISCHARGE 2 440 000 dam³

NORTH BROOK NEAR RED BAY - STATION NO 02XD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	2.76	1.07	0.351	0.191	0.270	2.18	---	1
2	---	---	---	---	---	2.67	1.02	0.385	1.18	4.03	---	---	2
3	---	---	---	---	---	2.78	0.861	0.366	2.85	3.86	---	---	3
4	---	---	---	---	---	3.81	0.782	0.342	1.84	2.85	---	---	4
5	---	---	---	---	---	3.03	0.683	0.367	1.41	4.20	---	---	5
6	---	---	---	---	---	2.82	0.801	0.469	1.20	3.49	---	---	6
7	---	---	---	---	---	3.48	0.585	0.409	0.978	2.42	---	---	7
8	---	---	---	---	---	3.34	0.537	0.372	0.820	1.89	---	---	8
9	---	---	---	---	---	3.30	0.462	0.334	0.882	1.61	---	---	9
10	---	---	---	---	---	3.31	0.473	0.316	0.882	1.31	---	---	10
11	---	---	---	---	---	4.08	0.424	0.282	0.817	1.08	---	---	11
12	---	---	---	---	---	3.80	0.447	0.268	0.485	0.887	---	---	12
13	---	---	---	---	---	3.33	0.471	0.248	0.416	0.781	---	---	13
14	---	---	---	---	3.43	3.24	0.454	0.238	0.384	0.700	---	---	14
15	---	---	---	---	4.87	3.71	0.488	0.228	0.458	0.638	---	---	15
16	---	---	---	---	5.80	3.38	0.440	0.321	0.540	0.586	---	---	16
17	---	---	---	---	3.85	2.04	0.384	0.213	0.508	0.487	---	---	17
18	---	---	---	---	2.48	1.77	0.348	0.211	0.481	0.480	---	---	18
19	---	---	---	---	1.83	1.67	0.328	0.212	0.424	0.818	---	---	19
20	---	---	---	---	1.37	1.63	0.286	0.200	0.387	0.814	---	---	20
21	---	---	---	---	1.33	1.37	0.265	0.185	0.369	0.883	---	---	21
22	---	---	---	---	1.47	1.14	0.240	0.201	0.358	0.881	---	---	22
23	---	---	---	---	1.48	0.883	0.223	0.207	0.324	1.28	---	---	23
24	---	---	---	---	1.83	0.877	0.217	0.208	0.330	1.08	---	---	24
25	---	---	---	---	2.03	0.824	0.204	0.191	0.385	0.872	---	---	25
26	---	---	---	---	2.38	0.807	0.218	0.288	0.338	1.37	---	---	26
27	---	---	---	---	2.02	0.781	0.274	0.302	0.309	2.80	---	---	27
28	---	---	---	---	2.32	0.664	0.430	0.262	0.288	1.83	---	---	28
29	---		---	---	2.17	0.840	0.478	0.259	0.248	1.88	---	---	29
30	---		---	---	1.88	1.04	0.442	0.226	0.243	5.00	---	---	30
31	---		---		1.80		0.394	0.207		3.18		---	31
TOTAL	---	---	---	---	---	64.888	14.837	8.848	19.279	52.870	---	---	TOTAL
MEAN	---	---	---	---	---	3.17	0.489	0.276	0.843	1.71	---	---	MEAN
MAX	---	---	---	---	---	4.08	1.07	0.469	2.85	5.00	---	---	MAX
MIN	---	---	---	---	---	0.664	0.204	0.191	0.191	0.270	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM INSTANTANEOUS
6.12 AT 15.48 AST ON MAY 16

SUMMARY FOR THE MONTHS JUN TO NOV

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 45 27 N
LONG 56 27 05 W
DRAINAGE AREA, 35.5 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 280
FEB	---	AUG	738
MAR	---	SEP	1 670
APR	---	OCT	4 570
MAY	---	NOV	---
JUN	5 810	DEC	---

NEWFOUNDLAND AND LABRADOR

NORTHEAST BROOK NEAR GODDICKTON - STATION NO. 02YD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.3188	0.4708	0.8858	5.008	13.8	5.03	1.84	0.380E	0.087A	0.554	5.61	5.84	1
2	0.3069	0.4308	0.8008	8.808	14.5	5.83	1.82	0.320E	0.141A	0.898	5.25	5.50	2
3	0.2978	0.4108	0.6408	12.5 B	14.9	5.58	1.47	0.280E	0.149A	0.683	5.00	10.3	3
4	0.2898	0.3808	0.5008	20.0 B	14.5	5.37	1.36	0.245E	0.159	0.739	4.89	10.4	4
5	0.2828	0.3508	0.4508	28.2	14.0	5.11	1.31	0.210E	0.183	0.822	4.28	10.0	5
6	0.2728	0.3308	0.4028	21.2	14.8	4.80	1.26	0.188E	0.179	1.10	4.21	11.8	6
7	0.2658	0.3108	0.3788	11.8	17.1	4.52	1.15	0.168E	0.170	1.24	4.81	13.8	7
8	0.2578	0.2908	0.3408	12.7	21.0	4.24	1.12	0.140E	0.158	1.47	4.70	14.2	8
9	0.2508	0.2708	0.3108	13.0	24.5	3.95	1.01	0.120E	0.198	1.55	4.99	13.1	9
10	0.2458	0.2508	0.2908	13.4	24.4	3.84	0.948	0.098E	0.186	1.88	5.01	11.8	10
11	0.2388	0.2308	0.2658	13.7	23.6	3.88	0.882	0.103E	0.186	1.85	4.74	10.5	11
12	0.2318	0.2108	0.2458	11.8	23.2	3.81	0.848	0.090E	0.193	1.58	4.47	9.29	12
13	0.2248	0.2008	0.2288	10.5	21.8	4.11	0.825	0.080E	0.195	1.45	4.208	8.57	13
14	0.2188	0.1808	0.2128	9.26	20.4	4.20	0.807	0.070E	0.207	1.37	3.958	7.77	14
15	0.2148	0.1708	0.1988	8.10	19.9	4.09	0.765	0.060E	0.250	1.22	3.708	8.03	15
16	0.2098	0.1508	0.1858	7.07	21.5	4.07	0.743	0.050E	0.288	1.18	3.508	7.57	16
17	0.2038	0.1308	0.1808	6.32	25.3	3.85	0.720E	0.040E	0.322	1.14	3.358	7.29	17
18	0.1988	0.1208	0.3408	6.04	24.8	3.62	0.680E	0.030E	0.459	1.09	3.208	7.50	18
19	0.1958	0.1108	0.6008	6.85	21.5	3.40	0.600E	0.050E	0.512	1.14	3.358	8.02	19
20	0.1908	0.1008	1.75 B	14.0	18.1	3.36	0.530E	0.090E	0.526	1.15	3.608	7.808	20
21	0.1878	0.1098	1.45 B	20.7	15.4	3.25	0.480E	0.172E	0.518	1.12	4.408	7.108	21
22	0.1828	0.2508	1.18 B	28.1	13.4	3.02	0.350E	0.180E	0.521	1.21	5.84	6.508	22
23	0.7708	0.3708	0.9208	32.7	11.6	2.75	0.244E	0.130E	0.530	2.18	14.5	6.008	23
24	0.7308	0.7458	0.7838	31.9	10.1	2.80	0.208E	0.122E	0.567	2.55	15.4	5.508	24
25	0.7008	1.05 B	0.6808	28.8	9.06	2.26	0.250E	0.117A	0.812	2.74	15.0	5.108	25
26	0.6508	0.8208	0.6308	25.8	8.52	2.15	0.280E	0.100A	0.825	3.41	13.4	4.708	26
27	0.8208	0.8508	0.5708	22.0	7.84	1.89	0.312E	0.100A	0.595	4.41	11.5	4.308	27
28	0.8408	0.7508	0.8408	18.4	7.44	1.76	0.330E	0.100A	0.594	4.74 A	9.95	4.008	28
29	0.5508		1.40 B	15.6	7.08	1.72	0.360E	0.088A	0.580	5.00	8.81	3.808	29
30	0.5208		2.20 B	13.7	6.62	1.53	0.380E	0.044A	0.555	5.57	7.36	3.658	30
31	0.4908		3.20 B		6.07		0.420E	0.070A		5.72		3.408	31
TOTAL	10.881	10.134	22.718	478.44	488.86	110.69	23.790	4.018	10.484	62.384	198.62	232.43	TOTAL
MEAN	0.351	0.362	0.733	15.0	15.0	3.69	0.767	0.130	0.349	2.01	6.55	7.50	MEAN
MAX	0.770	1.05	3.20	32.7	25.3	5.03	1.82	0.380	0.825	5.72	15.8	14.2	MAX
MIN	0.162	0.100	0.180	5.00	6.07	1.53	0.208	0.030	0.087	0.554	3.20	2.28	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 4.55
MAXIMUM DAILY 32.7 ON APR 23
MINIMUM DAILY 0.030E ON AUG 18
MAXIMUM INSTANTANEOUS
33.0 AT 21 52 NST ON APR 23

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 55 44 N
LONG 55 06 44 W
DRAINAGE AREA 200 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	940	JUL	2 050
FEB	875	AUG	347
MAR	1 960	SEP	804
APR	41 400	OCT	5 380
MAY	42 200	NOV	17 000
JUN	9 580	DEC	20 100

TOTAL DISCHARGE 143 000 dam³

NORTHEAST POND RIVER AT NORTHEAST POND - STATION NO. 02ZM005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0388	0.048	0.038	0.255	0.781	0.017	0.008	0.008	0.009	0.058	0.058	0.037	1
2	0.0228	0.388	0.034	0.448	0.354	0.018	0.008	0.008	0.010	0.083	0.131	0.240	2
3	0.0218	0.451	0.0308	1.38	0.232	0.018	0.008	0.013	0.009	0.082	0.090	0.313	3
4	0.052	0.361	0.0298	1.10	0.195	0.017	0.008	0.023	0.009	0.070	0.070	0.235	4
5	0.087	0.199	0.0278	0.654	0.184	0.018	0.009	0.023	0.008	0.073	0.080	0.224	5
6	0.089	0.112	0.0268	0.532	0.125	0.018	0.083	0.020	0.010	0.058	0.058	0.896	6
7	0.052	0.074	0.0258	0.465	0.084	0.014	0.104	0.018	0.008	0.043	0.084	0.307	7
8	0.082	0.0608	0.0248	0.536	0.090	0.013	0.058	0.013	0.011	0.038	0.085	0.215	8
9	0.174	0.0508	0.0238	1.03	0.138	0.013	0.038	0.011	0.013	0.050	0.068	0.138	9
10	0.148	0.0448	0.0228	0.871	0.388	0.013	0.028	0.010	0.015	0.068	0.065	0.068	10
11	0.081	0.0608	0.0218	0.334	0.483	0.014	0.020	0.007	0.014	0.055	0.058	0.087	11
12	0.110	0.1258	0.0218	0.223	0.287	0.014	0.014	0.007	0.013	0.043	0.104	0.083	12
13	0.147	0.0958	0.0208	0.180	0.188	0.013	0.013	0.007	0.012	0.035	0.535	0.133	13
14	0.107	0.0808	0.0208	0.147	0.085	0.013	0.011	0.006	0.011	0.027	0.260	0.297	14
15	0.087	0.0808	0.0188	0.210	0.084	0.012	0.010	0.005	0.012	0.024	0.178	0.327	15
16	0.082	0.0508	0.178	0.588	0.080	0.013	0.008	0.007	0.020	0.022	0.181	0.201	16
17	0.045	0.0488	0.411	0.328	0.057	0.012	0.007	0.007	0.022	0.018	0.090	0.137	17
18	0.038	0.0408	0.417	0.278	0.095	0.012	0.007	0.007	0.030	0.018	0.089	0.111	18
19	0.035	0.0388	1.06	0.736	0.073	0.011	0.006	0.027	0.078	0.018	0.071	0.108	19
20	0.032	0.0338	1.44	0.597	0.055	0.010	0.008	0.035	0.088	0.018	0.073	0.087	20
21	0.030	0.0308	1.20	0.418	0.050	0.009	0.005	0.031	0.080	0.018	0.081	0.073	21
22	0.028	0.0278	0.858	0.585	0.045	0.008	0.005	0.026	0.044	0.018	0.077	0.086	22
23	0.027	0.0268	0.508	0.358	0.041	0.008	0.005	0.021	0.033	0.084	0.182	0.088	23
24	0.102	0.0248	0.318	0.285	0.040	0.008	0.005	0.025	0.026	0.088	0.143	0.082	24
25	0.282	0.044	0.218	0.452	0.035	0.007	0.005	0.028	0.022	0.048	0.092	0.048	25
26	0.210	0.054	0.180	0.338	0.030	0.007	0.008	0.023	0.041	0.042	0.078	0.048	26
27	0.120	0.048	0.173	0.224	0.025	0.007	0.007	0.02-	0.077	0.031	0.080	0.042	27
28	0.075	0.042	0.234	0.157	0.022	0.008	0.010	0.018	0.131	0.044	0.048	0.038	28
29	0.0808		0.424	0.114	0.021	0.008	0.008	0.013	0.095	0.035	0.042	0.037	29
30	0.0648		0.409	0.378	0.018	0.008	0.009	0.012	0.061	0.034	0.037	0.037	30
31	0.051		0.274		0.017		0.008	0.011		0.035		0.053	31
TOTAL	2.448	2.744	8.579	14.083	4.272	0.352	0.520	0.488	0.995	1.310	3.182	4.574	TOTAL
MEAN	0.079	0.098	0.280	0.469	0.138	0.012	0.017	0.016	0.033	0.042	0.108	0.148	MEAN
MAX	0.282	0.451	1.44	1.38	0.781	0.018	0.104	0.035	0.131	0.083	0.535	0.896	MAX
MIN	0.021	0.034	0.018	0.114	0.017	0.008	0.005	0.005	0.009	0.018	0.037	0.037	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0.120
MAXIMUM DAILY 1.44 ON MAR 20
MINIMUM DAILY 0.005 ON JUL 4
MAXIMUM INSTANTANEOUS
1.76 AT 19 24 NST ON APR 3

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 38 05 N
LONG 52 50 04 W
DRAINAGE AREA 3.90 km²

B ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	313	JUL	44.9
FEB	337	AUG	62.2
MAR	750	SEP	86.0
APR	1 220	OCT	113
MAY	369	NOV	275
JUN	30.4	DEC	395

TOTAL DISCHARGE 3 770 dam³

NORTHEAST RIVER NEAR PLACENTIA - STATION NO. 02ZK002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.408	3.308	1.82 B	7.32	6.17	0.858	0.569	0.389	0.202	2.20	5.75	2.81	1
2	1.328	22.0 B	1.50 B	12.8	5.46	0.884	0.585	0.432	0.494	3.47	5.35	3.11	2
3	1.248	16.8	1.26 B	25.1	4.37	0.855	0.479	0.383	0.880	2.89	4.28	5.88	3
4	1.458	12.0	1.26 B	22.3	3.81	0.727	0.448	0.355	0.488	5.07	4.40	4.90	4
5	1.808	8.80	1.18 B	18.9	3.32	0.849	0.849	0.321	0.483	4.02	3.80	6.48	5
6	1.858	8.008	1.07 B	14.6	2.88	0.830	0.883	0.323	0.458	3.85	5.73	14.5	6
7	1.508	6.808	0.8808	12.3	2.57	0.586	0.801	0.288	0.435	3.09	5.11	9.78	7
8	2.508	3.708	0.8008	12.2	2.58	0.722	0.807	0.241	0.427	2.71	4.42	7.43	8
9	8.008	3.008	0.8408	18.0	3.52	0.702	0.508	0.249	0.578	5.31	3.88	5.78	9
10	4.508	2.808	0.7808	14.5	8.30	0.717	0.471	0.223	0.539	5.25	4.58	4.33	10
11	3.208	3.758	0.7308	11.3	9.87	0.842	0.414	0.184	0.426	3.73	4.17	3.90	11
12	4.208	5.008	0.8908	8.01	7.10	0.585	0.401	0.207	0.332	3.30	5.23	3.93	12
13	5.408	4.008	0.8408	7.44	5.24	1.24	0.403	0.205	0.313	2.98	11.0	4.10	13
14	4.408	3.358	0.8008	6.18	4.42	2.35	0.387	0.159	0.286	2.80	7.00	5.06	14
15	3.808	2.908	0.5808	6.35	3.59	1.92	0.359	0.145	0.351	2.22	5.98	5.35	15
16	3.408	2.508	0.8008	12.0	3.18	2.18	0.355	0.138	0.889	1.86	4.98	6.25	16
17	2.958	2.258	1.25 B	7.98	2.99	1.78	0.348	0.125	0.537	1.81	4.10	3.30	17
18	2.658	2.008	2.50 B	6.47	2.98	1.58	0.315	0.148	4.00	1.74	3.82	2.808	18
19	2.358	1.808	17.0 B	7.03	2.57	1.32 A	0.287	0.148	4.12	1.58	4.38	2.558	19
20	2.108	1.658	26.8	7.18	2.18	1.08	0.284	0.184	2.89	1.38	4.21	2.338	20
21	1.808	1.508	20.2	6.02	1.84	1.01	0.218	0.217	2.18	1.30	3.87	2.178	21
22	1.728	1.388	15.3	5.68	1.73	1.02	0.188	0.268	1.87	3.97	5.00	2.01	22
23	1.608	1.298	11.5	5.32	2.08	1.00	0.183	0.195	1.39	6.00	4.57	1.928	23
24	14.5 B	1.208	9.37	4.38	1.85	0.877	0.171	1.55	1.28	4.63	3.67	1.828	24
25	11.6	1.458	8.27	5.82	1.58	0.862	0.208	0.899	1.12	3.78	3.32	1.738	25
26	9.008	2.108	8.84	4.67	1.38	0.821	0.287	0.614	1.55	5.72	3.37	1.668	26
27	7.408	1.958	8.08	4.05	1.27	0.826	0.828	0.487	1.67	8.84	2.80	1.568	27
28	6.008	1.788	8.15	3.42	1.07	0.717	1.07	0.334	1.67	4.97	2.588	1.538	28
29	5.008		8.88	3.08	1.01	0.624	0.678	0.278	1.70	3.93	2.37	1.488	29
30	4.308		7.30	4.54	0.998	0.579	0.575	0.264	1.90	5.22	2.20	1.888	30
31	3.758		6.31		0.874		0.410	0.228		4.88		2.208	31
TOTAL	124.78	126.88	170.190	284.32	104.780	30.303	14.439	10.173	34.418	115.48	137.62	128.87	TOTAL
MEAN	4.03	4.53	5.48	9.48	3.38	1.01	0.466	0.328	1.15	3.73	4.59	4.16	MEAN
MAX	14.5	22.0	26.8	25.1	9.87	2.35	1.07	1.55	4.12	8.00	11.0	14.5	MAX
MIN	1.24	1.20	0.580	3.05	0.874	0.568	0.171	0.138	0.202	1.30	2.20	1.48	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.52
MAXIMUM DAILY, 26.8 ON MAR 20
MINIMUM DAILY, 0.135 ON AUG 17
MAXIMUM INSTANTANEOUS,
32.1 AT 15 02 NST ON APR 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 16 26 N
LONG 53 50 27 W
DRAINAGE AREA, 85.6 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	10 800	JUL	1 250
FEB	11 000	AUG	879
MAR	14 700	SEP	2 970
APR	24 600	OCT	9 880
MAY	9 050	NOV	11 900
JUN	2 620	DEC	11 200

TOTAL DISCHARGE, 111 000 dam³

NORTHWEST BROOK AT NORTHWEST POND - STATION NO. 02ZN001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.567	1.24	0.4508	3.84	5.20	0.643	0.624	0.304	0.263	0.683	3.43	1.95	1
2	0.597	4.08	0.4208	5.80	5.05	0.632	0.603	0.308	0.257	1.38	3.40	2.85	2
3	0.634	5.83	0.3958	27.6 E	5.33	0.612	0.571	0.300	0.263	1.89	2.97	4.56	3
4	0.797	7.53	0.3808	31.7 E	4.12	0.576	0.541	0.292	0.242	2.50	2.71	5.46	4
5	0.820	5.14	0.3558	14.0	3.59	0.548	0.514	0.319	0.235	2.72	2.57	5.48	5
6	0.831	2.76	0.3408	12.0	2.94	0.533	0.520	0.317	0.241	2.81	2.88	18.2	6
7	0.788	1.70	0.3278	7.81	2.63	0.500	0.511	0.314	0.233	2.88	4.57	15.1	7
8	0.855	1.34	0.3188	10.0	2.27	0.444	0.503	0.307	0.238	2.10	5.22	8.47	8
9	1.84	1.70 B	0.3058	16.1	3.84	0.494	0.495	0.291	0.235	3.49	4.72	4.98	9
10	2.00	1.99	0.3008	16.3	8.79	0.494	0.484	0.282	0.227E	3.10	4.53	3.86	10
11	1.84	2.18	0.2908	8.88	20.4	0.512	0.463	0.265	0.242	2.94	4.21	3.52	11
12	1.88	2.21	0.2858	5.43	13.4	0.507	0.428	0.224E	0.228E	2.29	4.58	3.01	12
13	3.12	1.97	0.2758	3.86	7.07	0.636	0.411	0.188E	0.230E	1.85	15.1	3.38	13
14	3.18	1.14	0.2688	3.67	4.36	2.38	0.390	0.178E	0.231	1.62	13.2	3.76	14
15	2.26	0.9808	0.2608	2.80	3.13	3.49	0.371	0.188E	0.278	1.30 A	7.84	3.76	15
16	1.58	0.8108	0.2558	4.16	2.84	3.09	0.363	0.172E	0.353	1.88	5.78	3.44	16
17	1.14	0.7208	0.8808	6.10A	2.30	2.38	0.381	0.175E	0.623	1.83	2.88	3.85	17
18	0.808	0.6808	2.00 B	4.80E	2.30	1.78	0.335	0.160E	0.678	1.80	3.84	2.82	18
19	0.788	0.6108	6.00 B	6.00E	3.24	1.38	0.310	0.175E	0.727	1.38	4.05	2.308	19
20	0.814	0.5808	30.0 E	9.00E	2.03	1.15	0.295	0.178E	0.898	1.34	4.13	2.128	20
21	0.773	0.5208	33.8 E	7.50E	1.73	1.04	0.274	0.178E	0.885	1.25	4.04	1.858	21
22	0.730	0.4808	18.8	6.50E	1.43	0.881	0.273	0.163E	0.812	1.35	4.19	1.808	22
23	0.718	0.4558	10.7	5.80E	1.31	0.782	0.231	0.190E	0.826	2.87	5.61	1.708	23
24	2.73	0.4308	8.17	4.70E	1.30	0.877	0.231	0.279	0.477	3.74	5.51	1.588	24
25	8.51	0.4108	4.88	4.20E	1.20	0.821	0.230E	0.338	0.448	3.42	4.33	1.528	25
26	5.86	0.4708	4.72	3.80E	1.07	0.883	0.287	0.336	0.441	3.02	3.84	1.428	26
27	3.11	0.5108	4.17	3.22A	0.945	0.595	0.300	0.320	0.454	3.73	3.22	1.378	27
28	1.88	0.4808	4.35	2.72	0.881	0.527	0.300	0.313	0.467	3.77	2.71	1.268	28
29	1.30		7.62	2.08	0.810	0.544	0.308	0.315	0.463	3.03	2.34	1.208	29
30	1.15 B		7.07	2.03	0.725	0.805	0.304	0.321	0.474	2.88	2.13	1.25	30
31	1.10 B		4.88		0.671		0.314	0.307		3.32		1.28	31
TOTAL	56.787	49.978	151.939	244.56	120.182	39.544	12.107	7.882	11.988	72.283	140.30	117.88	TOTAL
MEAN	1.83	1.78	4.90	8.15	3.88	1.885	0.391	0.258	0.400	2.33	4.68	3.80	MEAN
MAX	8.51	7.53	33.8	31.7	20.4	3.49	0.624	0.338	0.727	3.77	15.1	18.2	MAX
MIN	0.567	0.410	0.255	2.03	0.671	0.446	0.230	0.160	0.227	0.683	2.13	1.20	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.76
MAXIMUM DAILY, 33.8E ON MAR 21
MINIMUM DAILY, 0.160E ON AUG 18
MAXIMUM INSTANTANEOUS,
41.9E AT 03 30 NST ON MAR 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 51 08 N
LONG 53 18 11 W
DRAINAGE AREA, 53.3 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 810	JUL	1 080
FEB	4 320	AUG	691
MAR	13 100	SEP	1 040
APR	21 100	OCT	6 250
MAY	10 400	NOV	12 100
JUN	3 550	DEC	10 200

TOTAL DISCHARGE, 87 700 dam³

REMARKS - THE "E" FOR DISCHARGES ABOVE 20.6 m³/s AND BELOW 0.231 m³/s IS DUE TO STAGE DISCHARGE CURVE EXTENSION

NORTHWEST GANDER RIVER NEAR GANDER LAKE - STATION NO 02YO004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	20.5 B	33.0B	37.0B	132 B	108	10.5	8.36	0.533	1.80	5.60	110	38.4B	1
2	18.2 B	42.0B	26.0B	300 B	121	11.3	7.88	0.536	1.82	8.03	100	49.1B	2
3	16.2 B	53.0B	23.0B	620 B	91.0	10.6	7.22	0.577	1.38	7.74	97.3	76.6	3
4	21.5 B	70.0B	21.0B	788 E	88.2	10.0	6.70 E	0.578	1.18	14.9	81.8	70.0	4
5	28.0 B	62.0B	20.3B	697 E	82.6	9.14	6.25 E	0.526	1.06	40.2	91.4	92.8	5
6	27.0 B	53.0B	19.2B	497 E	42.2	8.21	5.75 E	0.3482	1.13	73.8	89.8	118	6
7	24.5 B	47.0B	18.0B	358	35.0	7.39	5.95 E	0.2982	1.19	81.8	143	188	7
8	23.0 B	40.0B	17.2B	314	32.5	7.84	5.50 E	0.2442	1.87	67.8	132	134	8
9	28.0 B	35.0B	16.2B	380	31.7	7.89	4.80 E	0.2182	2.96	60.0	84.8	85.6	9
10	35.5 B	42.0B	15.4B	376	30.9	7.36	4.25 E	0.1882	4.71	35.7	69.3	68.9B	10
11	63.0 B	52.0B	14.8B	292	47.1	7.86	3.75 E	0.1492	5.20	30.9	55.1	46.2B	11
12	37.0 B	89.0B	14.1B	207	85.2	6.57	3.30 E	0.1222	4.40	26.6	47.6	37.1B	12
13	28.0 B	58.0B	13.5B	153	82.7	5.76	2.82 E	0.0972	3.82	22.7	119	31.4B	13
14	21.0 B	46.0B	13.2B	117	64.2	14.2	2.55 E	0.1182	3.39	18.7	184	39.9B	14
15	18.0 B	37.2B	12.8B	185	49.1	18.6	2.30 E	0.1372	3.19	16.6	130	38.5B	15
16	13.0 B	31.3B	12.5B	427	37.5	16.5	2.00 E	0.1232	3.49	14.7	87.1	34.0B	16
17	11.0 B	27.0B	21.0B	317	41.6	23.3	2.10 E	0.1372	4.38	13.2	81.4	31.1B	17
18	8.90B	23.8B	38.0B	232	53.3	22.2	1.85 E	0.1372	10.1	11.7	57.9	29.0B	18
19	8.90B	21.3B	60.0B	280	50.0	19.2	1.95 E	0.708	16.2	11.7	85.6	27.2B	19
20	8.25B	18.8B	133 B	309	41.7	16.6	1.44 E	0.856	18.5	12.0	47.9	25.8B	20
21	7.75B	17.5B	123 B	242	34.3	15.9	1.20 E	0.850	15.0	12.1	47.4	24.5B	21
22	7.40B	15.4B	106 B	194	29.2	14.1	1.03 E	0.963	12.4	12.8	182	23.4B	22
23	11.4 B	14.0B	100 B	165	26.6	12.3	0.900E	1.59	10.4	19.1	277	22.2B	23
24	17.0 B	28.0B	95.0B	127	24.5	10.3	0.800E	2.32	9.02	30.0	188	21.1B	24
25	26.0 B	51.5B	89.0B	98.5	22.5	11.4	0.880E	2.38	8.01	28.0	128	20.9B	25
26	38.5 B	44.0B	85.0B	80.6	19.5	10.9	0.890E	2.42	8.98	27.4	91.2	19.8B	26
27	53.0 B	37.0B	81.0B	85.6	17.2	8.99	0.720E	2.88	8.44	39.9	83.3	18.9B	27
28	43.5 B	30.0B	100 B	84.3	15.4	7.97	0.780E	2.55	8.04	44.0	42.2B	18.1B	28
29	35.0 B		130 B	44.9	14.0	8.26	0.781A	2.34	8.27	38.8	40.0B	17.4B	29
30	30.0 B		148 B	52.0	12.7	8.65	0.853	2.32	8.32	84.0	38.4B	16.9B	30
31	26.1 B		138 B		11.5		0.574	1.84		114		16.4B	31
TOTAL	735.10	1 100.8	1 744.0	7 814.5	1 393.3	355.89	95.120	28.387	180.01	943.87	2 820.3	1 413.8	TOTAL
MEAN	23.8	39.3	56.3	264	44.9	11.9	3.07	0.916	6.00	30.4	94.0	45.6	MEAN
MAX	63.0	70.0	148	786	121	23.3	8.36	2.86	18.5	114	277	188	MAX
MIN	7.40	14.0	12.5	44.9	11.5	7.36	0.574	0.097	1.06	5.60	38.4	16.4	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 51.3
MAXIMUM DAILY. 786E ON APR 4
MINIMUM DAILY. 0.097E ON AUG 13
MAXIMUM INSTANTANEOUS
810E AT 21 53 NST ON APR 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 48 07 N
LONG 55 04 52 W
DRAINAGE AREA. 2 150 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	63 900	JUL	8 220
FEB	95 100	AUG	3 450
MAR	151 000	SEP	15 600
APR	684 000	OCT	81 500
MAY	120 000	NOV	244 000
JUN	30 700	DEC	122 000

TOTAL DISCHARGE 1 630 000 dam³

REMARKS THE "E" FOR DISCHARGES ABOVE 422 m³/s AND BELOW 2.89 m³/s IS DUE TO STAGE DISCHARGE CURVE EXTENSION

PETERS RIVER NEAR BOTWOOD - STATION NO 02YO006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.60 B	1.30B	1.70 B	20.1	3.48	1.14	0.672	0.179	0.188	0.386	3.39	1.15	1
2	1.42 B	3.00B	1.63 B	24.9	3.87	1.17	0.856	0.179	0.178	0.456	3.78	1.36	2
3	1.32 B	5.40B	1.50 B	37.0	3.30	1.24	0.826	0.184	0.176	0.324	3.44	2.38	3
4	1.20 B	4.40B	1.40 B	54.1	2.80	1.24	0.585	0.158	0.156	0.485	2.92	2.52	4
5	1.42 B	3.70B	1.27 B	54.8	2.46	1.26	0.649	0.148	0.165	1.36	2.59	1.91	5
6	1.60 B	3.10B	1.18 B	43.7	1.94	1.22	0.526	0.151	0.188	3.72	2.27	3.02	6
7	1.42 B	2.70B	1.08 B	31.9	1.76	1.06	0.585	0.171	0.174	4.71	3.22	5.12	7
8	1.56 B	2.40B	1.00 B	26.4	1.80	0.983	0.536	0.159	0.245	3.82	4.48	5.73	8
9	1.83 B	3.10B	0.900B	26.5	1.57	0.826	0.489	0.182	0.314	2.85	3.83	3.34	9
10	1.72 B	2.40B	0.850B	31.7	1.51	0.908	0.517	0.180	0.429	2.00	3.01	2.96	10
11	1.60 B	3.50B	0.800B	26.4	2.46	0.801	0.436	0.172	0.488	1.49	2.34	3.81	11
12	1.85 B	5.40B	0.780B	22.2	7.11	0.829	0.440	0.182	0.538	1.19	1.89	2.33	12
13	2.00 B	4.10B	0.715B	18.3	7.86	1.09	0.434	0.188	0.802	0.942	3.53	1.76	13
14	1.67 B	6.60B	0.690B	11.7	5.42	1.32	0.420	0.158	0.483	0.858	7.51	1.82	14
15	1.10 B	5.40B	0.680B	10.8	3.79	1.83	0.462	0.144	0.478	0.787	8.46	2.03	15
16	0.980B	3.75B	0.640B	17.0	3.73	1.83	0.388	0.153	0.424	0.888	5.33	2.12	16
17	0.850B	3.10B	0.920B	32.5	3.88	1.61	0.311	0.142	0.532	0.880	4.41	1.82	17
18	0.780B	2.30B	1.24 B	30.4	4.30	1.67	0.289	0.172	0.576	0.841	3.08	1.31	18
19	0.720B	1.80B	1.80 B	21.9	4.29	1.41	0.244	0.205	0.638	0.817	2.78	0.816	19
20	0.669B	1.60B	2.40 B	15.6	3.30	1.19	0.225	0.195	0.685	0.887	2.80	1.89	20
21	0.620B	1.40B	3.30 B	22.0	3.87	1.10	0.208	0.213	0.839	0.719	2.44	3.82 B	21
22	0.800B	1.22B	4.40 B	15.7	2.20	0.993	0.189	0.217	0.880	0.812	3.27	3.14 B	22
23	0.840B	1.14B	5.80 B	11.6	1.83	0.883	0.191	0.233	0.885	1.82	6.12	2.86 B	23
24	1.26 B	1.61B	7.40 B	8.80	2.10	0.843	0.186	0.198	0.885	3.40	7.08	2.60 B	24
25	1.18 B	2.05B	8.70 B	6.98	2.15	0.805	0.200	0.183	0.808	3.45	5.87	2.40 B	25
26	1.03 B	3.33B	8.60 B	5.84	1.88	0.735	0.316	0.187	0.418	3.86	3.89	2.20 B	26
27	0.820B	2.00B	8.00 B	4.74	1.84	0.730	0.304	0.188	0.422	3.63	2.88	2.06 B	27
28	0.630B	1.80B	10.6	3.82	1.80	0.678	0.318	0.187	0.389	2.49	1.86	1.80 B	28
29	0.780B		12.5	3.28	1.36	0.886	0.305	0.131	0.349	2.23	1.66	1.76 B	29
30	0.700B		15.6	3.00	1.22	0.718	0.193	0.163	0.380	2.20	1.33	1.68 B	30
31	0.850B		18.7		1.22		0.173	0.183		2.66		1.52 B	31
TOTAL	36.495	85.89	123.145	638.84	87.86	32.719	11.810	5.392	12.387	53.101	111.84	73.118	TOTAL
MEAN	1.18	3.06	3.97	21.3	2.83	1.09	0.371	0.171	0.412	1.71	3.72	2.36	MEAN
MAX	2.00	6.10	18.7	54.8	7.86	1.67	0.872	0.233	0.885	4.71	8.46	5.73	MAX
MIN	0.600	1.14	0.640	3.00	1.22	0.678	0.173	0.131	0.165	0.324	1.33	0.618	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 3.48
MAXIMUM DAILY 54.8 ON APR 5
MINIMUM DAILY 0.131 ON AUG 29
MAXIMUM INSTANTANEOUS.
62.9 AT 01 00 NST ON APR 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 58 21 N
LONG 55 24 36 W
DRAINAGE AREA 177 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 150	JUL	994
FEB	7 400	AUG	457
MAR	10 800	SEP	1 070
APR	55 200	OCT	4 580
MAY	7 550	NOV	9 550
JUN	2 630	DEC	6 320

TOTAL DISCHARGE 110 000 dam³

PETTY HARBOUR RIVER AT SECOND POND - STATION NO 021M001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.67	7.14	5.44	12.3	12.9	5.35	2.61	0	0	5.92	2.80	5.01	1
2	4.78	8.88	5.18	12.5	13.0	3.82	2.42	0	0.510	7.02	1.05	12.0	2
3	7.14	7.14	5.04	12.7	12.4	5.18	1.17	2.22	0.108	5.10	0.521	11.8	3
4	7.14	7.88	5.13	34.3	8.61	4.33	0	0.158	0	2.34	1.84	9.97	4
5	8.03	10.7	5.04	35.7	7.98	2.73	4.80	0	0	2.10	2.09	9.74	5
6	4.78	13.7	3.80	25.7	8.54	3.82	5.14	0	0	1.28	4.84	12.1	6
7	5.05	12.7	3.34	20.6	10.3	3.82	0.266	0	0	1.61	7.80	12.5	7
8	6.88	11.8	2.01	17.5	8.47	3.82	1.70	0	0.575	0.881	5.41	8.98	8
9	8.34	8.21	2.35	26.7	8.23	3.82	4.90	0	0	3.31	3.57	4.08	9
10	7.14	8.17	1.42	36.2	8.34	3.82	1.21	2.76	0	3.57	5.03	5.30	10
11	7.14	8.18	1.42	22.2	12.3	1.75	2.55	0	0.105	3.57	3.57	4.56	11
12	7.14	7.88	2.28	18.2	12.8	2.44	0	0	1.48	3.57	4.84	6.31	12
13	7.14	8.10	4.25	13.0	11.6	4.58	0.382	0.074	0	1.36	11.5	7.86	13
14	7.14	8.17	1.75	13.0	7.84	4.38	3.71	0	0.888	0.467	12.2	10.8	14
15	8.77	8.07	1.40	12.7	7.65	0	4.58	0	1.72	0	7.14	11.8	15
16	4.84	5.52	8.13	11.1	3.82	0	2.74	0	2.76	0.479	4.16	6.82	16
17	3.67	7.87	8.88	7.39	3.39	1.28	0	0	1.72	0	3.28	5.10	17
18	3.67	7.42	7.87	6.82	0.880	1.82	0	0	2.76	0	1.57	4.98	18
19	6.28	4.88	11.2	10.5	4.25	1.52	2.76	0.934	7.14	2.20	3.28	5.61	19
20	7.63	4.83	11.6	18.6	8.64	0.287	0	0	5.01	2.12	4.93	4.93	20
21	8.23	7.14	13.2	20.8	8.83	2.02	0	0	0	1.78	8.35	3.06	21
22	8.88	7.14	27.8	17.9	8.52	1.10	0	0	0	6.00	7.65	3.62	22
23	8.04	6.80	23.1	16.7	8.82	2.12	0	0	0	3.00	3.03	4.67	23
24	7.14	5.52	19.0	13.8	8.27	1.71	0	0	0	2.29	5.21	3.57	24
25	7.14	8.00	15.7	13.3	5.86	1.88	0	0.074	0	2.88	6.84	2.23	25
26	6.35	7.70	12.7	13.2	5.27	2.48	0	0.787	1.89	5.81	6.24	3.06	26
27	7.14	6.87	12.7	12.8	3.54	1.73	0	0	2.19	5.10	3.57	3.77	27
28	7.14	6.46	12.7	8.87	3.82	3.65	0.857	0	1.59	5.10	3.57	4.06	28
29	7.14		12.7	8.81	3.82	2.10	0.276	0	1.38	5.10	3.57	2.31	29
30	7.14		12.8	12.4	3.82	0	0	0	0	3.28	4.84	3.26	30
31	7.14		12.5		3.82		0	0		2.80		5.58	31
TOTAL	189.50	226.95	273.01	508.59	232.320	77.307	43.461	7.006	31.635	90.827	147.111	198.18	TOTAL
MEAN	6.44	8.07	8.81	17.0	7.49	2.58	1.40	0.226	1.05	2.93	4.90	6.43	MEAN
MAX	8.35	13.7	27.8	36.2	13.0	5.35	5.14	2.76	7.14	7.02	12.2	12.5	MAX
MIN	3.67	4.88	1.40	7.39	0.880	0	0	0	0	0	0.521	2.23	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.58
MAXIMUM DAILY, 36.2 ON APR 10
MINIMUM DAILY, 0 ON JUN 15

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 47 27 27 N
LONG 52 43 47 W
DRAINAGE AREA, 136 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	17 200	JUL	3 750
FEB	19 500	AUG	605
MAR	23 600	SEP	2 730
APR	43 900	OCT	7 650
MAY	20 100	NOV	12 700
JUN	5 880	DEC	17 200

TOTAL DISCHARGE, 175 000 dam³

DATA CONTRIBUTED BY -
NEWFOUNDLAND LIGHT AND POWER COMPANY LIMITED

REGULATED

PIERRES BROOK AT GULL POND - STATION NO 022M002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.96	8.23	1.15	8.03	7.22	8.34	2.83	0	0	3.68	4.28	4.47	1
2	4.84	8.23	1.14	8.03	16.3	8.20	1.78	0	0.803	3.65	1.47	4.62	2
3	5.01	8.47	2.38	8.03	15.0	8.26	2.31	0	1.14	3.74	1.24	3.74	3
4	5.18	8.22	1.10	8.17	11.8	8.31	1.92	0	1.22	3.62	0	4.06	4
5	5.04	8.23	2.45	8.92	7.23	8.26	1.85	0	0	3.65	0	4.67	5
6	5.52	8.17	2.38	8.17	8.85	8.31	4.38	0.787	0	3.66	0	5.21	6
7	5.47	8.23	0.787	8.20	8.31	8.31	2.84	0	0	3.74	0	2.06	7
8	5.66	8.23	0.843	8.20	8.31	4.31	0	0	2.80	3.78	0	0	8
9	5.78	0	1.20	8.20	8.31	4.28	1.30	0	3.74	3.71	2.84	0	9
10	5.80	0	1.28	8.20	8.31	3.81	1.38	0	3.77	3.77	4.47	1.81	10
11	5.78	0	1.88	8.28	8.31	8.32	1.28	0	4.45	3.78	4.33	4.83	11
12	5.89	0	1.47	8.31	7.82	8.28	1.18	0	4.47	3.48	4.38	5.38	12
13	6.14	0	0.868	8.28	9.46	8.28	1.21	0	4.42	0.834	4.45	5.44	13
14	6.14	0	1.01	8.23	8.87	8.28	0.773	0.807	4.45	0	4.47	5.81	14
15	6.14	0	0.813	8.23	7.22	5.75	0	0	4.42	0	4.58	5.58	15
16	6.14	0	1.62	8.34	8.31	3.81	0.656	0	4.36	0.906	4.73	5.86	16
17	6.14	8.23	3.86	8.34	8.31	4.82	1.37	0	4.33	0	3.60	5.44	17
18	6.14	8.14	4.50	8.34	8.31	4.58	0	0	4.33	0	4.33	5.44	18
19	6.14	4.02	5.80	8.34	8.31	4.59	0	0	4.84	2.43	4.50	5.32	19
20	6.14	8.06	6.08	8.88	8.31	4.84	0.949	0	4.79	2.88	4.50	5.24	20
21	5.87	8.06	8.06	11.8	8.31	4.47	0	0	4.78	0	4.53	5.27	21
22	5.41	5.86	8.09	13.0	8.31	4.47	0	0.826	4.78	0	4.87	5.27	22
23	5.84	4.93	8.12	11.8	8.31	3.72	0	0	4.73	0	4.48	5.27	23
24	5.87	4.86	8.20	10.8	8.31	3.30	0.814	0	4.70	0	4.58	5.27	24
25	5.87	4.66	8.28	10.6	8.31	3.06	0	0	4.73	0	4.82	5.36	25
26	6.03	4.30	8.28	10.8	8.31	3.31	0	0.745	4.70	2.74	4.84	5.21	26
27	6.14	3.18	8.28	9.48	8.28	4.82	0	0	4.70	3.64	4.58	5.27	27
28	6.14	0.675	8.28	8.88	8.28	4.58	0	0	4.19	3.85	4.53	5.18	28
29	6.14		8.88	7.78	8.28	4.58	0	0	3.74	3.62	4.58	5.27	29
30	6.14		8.28	7.38	8.31	4.50	0	0	3.85	3.86	4.50	5.38	30
31	6.14		8.23		8.31		0	0		4.28		5.44	31
TOTAL	178.74	107.805	110.559	228.11	229.75	150.25	28.894	3.245	102.593	73.020	103.91	142.88	TOTAL
MEAN	5.80	3.85	3.57	7.80	7.41	5.01	0.932	0.105	3.42	2.36	3.48	4.60	MEAN
MAX	6.14	8.17	8.28	13.0	16.3	8.34	4.38	0.826	4.79	4.28	4.73	5.86	MAX
MIN	4.84	0	0.787	8.92	8.28	2.72	0	0	0	0	0	0	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.00
MAXIMUM DAILY, 16.3 ON MAY 2
MINIMUM DAILY, 0 ON FEB 9

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 47 17 50 N
LONG 52 51 00 W
DRAINAGE AREA, 117 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	15 500	JUL	2 500
FEB	9 310	AUG	380
MAR	8 550	SEP	8 880
APR	19 700	OCT	6 310
MAY	19 500	NOV	8 880
JUN	13 000	DEC	12 300

TOTAL DISCHARGE, 126 000 dam³

DATA CONTRIBUTED BY -
NEWFOUNDLAND LIGHT AND POWER COMPANY LIMITED

REGULATED

REMARKS - FLOWS OUTSIDE THE RANGE OF 4.50 m³/s TO 7.00 m³/s SHOULD BE USED WITH CAUTION

NEWFOUNDLAND AND LABRADOR

PINCHGUT BROOK AT OUTLET OF PINCHGUT LAKE - STATION NO. 02YJ003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.91	1.17	0.888	2.85	8.73	1.87	0.714	0.203	1.78	1.51	9.80	3.87	1
2	1.83	1.17	0.885	4.08	8.61	1.87	0.720	0.285	1.84	2.19	8.08	3.83	2
3	1.78	1.18	0.851	10.2	7.73	1.72	0.684	0.283	2.88	2.82	8.94	3.78	3
4	1.88	1.18	0.820	14.8	7.00	1.58	0.643	0.260	2.80	3.62	8.08	3.87	4
5	1.73	1.18	0.834	18.2	6.56	1.43	0.642	0.277	3.77	5.39	9.29	3.28	5
6	1.70	1.18	0.898	15.4	6.49	1.33	0.611	0.270	2.74	6.92	8.27	3.44	6
7	1.64	1.14	0.880	14.7	7.87	1.33	0.683	0.285	2.84	5.32	8.88	3.46	7
8	1.62	1.08	0.949	13.1	10.0	1.35	0.651	0.246	2.89	4.87	7.80	3.32	8
9	1.88	1.05	0.838	11.7	10.0	1.31	0.526	0.245	2.87	4.04	8.78	3.08	9
10	1.84	1.08	0.886	10.8	9.32	1.24	0.486	0.237	2.87	3.86	8.81	2.81	10
11	1.48	1.05	0.801	9.67	8.84	1.18	0.467	0.267	2.83	3.23	9.09	2.81	11
12	1.84	1.04	0.863	8.28	8.32	1.17	0.463	0.272	2.33	3.04	6.84	2.43	12
13	1.49	1.03	0.845	8.88	7.83	1.24	0.416	0.262	2.08	2.78	4.88	2.37	13
14	1.45	0.987	0.818	8.83	7.48	1.25	0.381	0.274	1.88	2.81	4.44	2.35	14
15	1.40	0.975	0.847	8.72	8.72	1.24	0.387	0.263	1.81	2.25	4.09	2.21	15
16	1.35	0.971	0.337	8.37	8.48	1.27	0.414	0.237	1.78	2.05	3.78	2.03	16
17	1.33	0.982	0.128	8.80	7.44	1.28	0.418	0.224	1.72	1.85	3.42	1.92	17
18	1.28	0.938	0.021	7.13	7.08	1.28	0.382	0.286	1.87	1.71	3.26	1.88	18
19	1.27	0.911	0.037	18.1	8.21	1.18	0.340	0.748	1.82	1.88	8.88	1.78	19
20	1.21	0.881	0.068	22.2	8.24	1.07	0.320	0.812	1.38	1.78	8.20	1.85	20
21	1.18	0.838	0.320	20.7	4.82	0.998	0.303	0.883	1.32	1.81	8.28	1.88	21
22	1.16	0.828	0.889	28.8	4.08	0.888	0.283	1.17	1.27	2.38	18.3	1.49	22
23	1.16	0.804	1.33	23.8	3.88	0.858	0.270	1.40	1.17	4.45	18.0	1.43	23
24	1.15	0.800	1.82	18.8	3.78	0.838	0.240	1.80	1.10	4.85	12.0	1.45	24
25	1.18	0.780	1.85	15.8	3.48	0.888	0.243	1.82	1.08	4.52	8.78	1.44	25
26	1.13	0.740	1.71	13.1	3.11	0.803	0.235	2.11	1.12	4.48	8.20	1.38	26
27	1.11	0.898	1.83	10.7	2.78	0.833	0.213	2.48	1.34	4.84	8.81	1.30	27
28	1.08	0.887	2.05	8.84	2.54	0.747	0.210	2.58	1.55	4.37	5.84	1.25	28
29	1.07		2.30	7.87	2.38	0.720	0.210	2.48	1.57	4.37	4.88	1.21	29
30	1.04		2.43	9.33	2.22	0.704	0.215	2.25	1.53	10.8	4.37	1.24	30
31	0.979		2.50		2.08		0.185	2.02		10.8		1.25	31
TOTAL	42.979	27.259	28.000	381.30	188.86	35.788	12.778	27.461	57.52	118.15	209.84	70.77	TOTAL
MEAN	1.38	0.974	0.903	12.0	8.09	1.19	0.412	0.886	1.92	3.84	8.98	2.28	MEAN
MAX	1.91	1.18	2.50	28.8	10.0	1.87	0.720	2.58	2.87	10.8	18.3	3.87	MAX
MIN	0.979	0.887	0.021	2.85	2.08	0.704	0.185	0.203	1.08	1.51	3.26	1.21	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.24
MAXIMUM DAILY, 28.8 ON APR 22
MINIMUM DAILY, 0.021 ON MAR 18
MAXIMUM INSTANTANEOUS,
28.8 AT 11 05 NST ON APR 22

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 48 21 N
LONG 58 00 58 W
DRAINAGE AREA, 119 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	3 710	JUL	1 100
FEB	2 380	AUG	2 370
MAR	3 420	SEP	4 970
APR	31 200	OCT	10 300
MAY	18 300	NOV	18 100
JUN	3 090	DEC	8 110

TOTAL DISCHARGE, 102 000 dam³

PIPERS HOLE RIVER AT MOTHERS BROOK - STATION NO 022H001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8 788	16 0 8	7 258	74 3	51 8	5 20	5 61	0 808	0 707	1 75	38.7	19.2	1
2	8 358	30 5 8	8 758	101	43 5	5 13	5 08	0 876	0.881	5 26	37 6	48.2	2
3	7 908	50 0 8	8 208	158	37 1	5 82	4 81	0 907	1.41	5 87	31.0	38 6	3
4	8 608	42 5 8	8 788	171	32 7	5 33	4 36	0 806	1.04	18 4	26 6	31 5	4
5	9 558	33 5 8	5 408	167	28 7	4 86	4 80	0 708	0 773	37 9	25 9	28 0	5
6	8 308	25 5 8	5 058	128	25 0	4 84	5 98	0 677	0 838	26 0	49 2	64 6	6
7	7 758	20 0 8	4 758	107	22 1	4 40	4 96	0 721	0.818	17 4	86 8	58.5	7
8	11 5 8	16 5 8	4 448	101	20 7	4 80	4 35	0 740	1 06	13 4	53 4	48.5	8
9	17 1 8	13 8 8	4 208	121	20 1	4 85	3 80	0 678	1.36	13 3	45 7	26 8	9
10	12 3 8	11 2 8	4 028	127	23 6	5 51	3 51	0 692	1 38	12 1	43 4	32 4	10
11	10 8 8	13 2 8	3 818	101	33 4	5 87	3 16	0 693	1.27	10 1	37.8	28 2 8	11
12	13 4 8	17 8 8	3 658	81 2	34 1	5 22	2.94	0 698	1.13	8.89	37 6	22 8 8	12
13	15 6 8	16 1 8	3 508	66 2	28 8	7 34	2 70	0 312	1 02	7 80	72 1	24 8 8	13
14	13 2 8	14 3 8	3 388	55 2	25 0	9 38	2 48	0 181	0 971	8 84	59 2	26 8 8	14
15	11 3 8	12 3 8	3 208	56 7	21 8	8 38	2 26	0 283	1 03	8 19	51 1	28 8	15
16	10 2 8	10 7 8	4 208	76 8	18 4	10 4	2 09	0 284	1 44	5 64	37 8	28 2	16
17	9 208	9 508	5 858	86 2	25 8	9 44	1 88	0 306	1 49	5 08	17 5	22 8	17
18	8 308	8 808	6 808	57 8	27 8	9 76	1 88	0 402	2.38	4 77	33 0	21	18
19	7 858	7 958	14 2 8	56 3	23 3	9 28	1 84	0 536	3.57	4 58	34 4	18 8	19
20	7 308	7 208	27 0 8	58 6	20 0	8 38	1 38	0 606	3 23	4 61	32 8	17 2	20
21	8 988	6 858	46 0 8	53 6	17 3	14 2	1 18	0 389	2 87	4 86	37 4	15 6 8	21
22	8 638	8 058	182 8	48 7	15 3	12 8	1 72	0 331	3.21	4 88	88 8	14 1 8	22
23	8 188	5 858	118 8	45 8	13 8	10 6	1 13	0 348	1.81	8 01	58 6	13 0 8	23
24	10 5 8	5 388	101 8	40 4	12 4	9 16	1 03	0 526	1 84	8 43	47 8	11 8 8	24
25	23 4 8	7 058	84 0 8	37 1	10 8	8 71	1 08	0 644	1 74	7 80	38 5	10 8 8	25
26	17 8 8	8 078	70 0 8	33 4	10 1	8.61	1 07	0 836	1 45	14 5	33 8	8 808	26
27	14 8 8	8 408	77 0 8	29 8	9 04	7 74	1 05	0 889	1 33	24 5	29 8	9 208	27
28	12 8 8	7 808	81 5	26 5	8 27	8 84	1 08	0 847	1 45	17 3	26 3	8 708	28
29	10 8 8		93 3	23 4	7 62	8 33	1 01	0 712	1 48	13 8	23 1	8 308	29
30	9 508		83 4	34 4	7 17	8 00	0 853	0 722	1 47	42 1	21.8	11 1 8	30
31	8 708		73.0		8.80		0 784	0 683		41 5		13 7 8	31
TOTAL	335 18	433.30	1 110 43	2 302 2	883 70	226 89	80.467	17 332	45.948	403 53	1 212 4	787 10	TOTAL
MEAN	10 8	15 5	35 8	76 7	22 1	7 56	2 60	0 559	1 52	13 0	40 4	24.4	MEAN
MAX	23 4	50.0	182	171	51 8	14 2	5 88	0 907	3.57	42 1	72 1	84.6	MAX
MIN	6.15	5.36	3 20	33 4	8 80	4 40	0 784	0 181	0 707	1 75	17 8	8.30	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 20.8
MAXIMUM DAILY, 171 ON APR 4
MINIMUM DAILY, 0 181 ON AUG 14
MAXIMUM INSTANTANEOUS,
178 AT 23 40 NST ON APR 3

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 58 45 N
LONG 54 17 06 W
DRAINAGE AREA 784 km²

B ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	29 000	JUL	6 850
FEB	27 400	AUG	1 500
MAR	85 900	SEP	3 940
APR	199 000	OCT	34 900
MAY	59 100	NOV	105 000
JUN	19 800	DEC	85 400

TOTAL DISCHARGE, 658 000 dam³

RAGGED HARBOUR RIVER NEAR MUSGRAVE HARBOUR - STATION NO 02YR002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.610	8.200	5.000	26.0E	16.0	3.80E	0.890E	0.146	0.049	0.138	0.735	6.60E	1
2	3.400	9.900	4.750	32.6A	14.5	3.69A	0.960E	0.152	0.037	0.136	0.932	7.80E	2
3	3.200	11.3 B	4.450	44.3	13.8	3.68	0.910E	0.141	0.034	0.214	1.10	7.85E	3
4	3.450	10.3 B	4.150	48.0	11.8	3.84	0.860E	0.142	0.037	0.271	1.14	8.00E	4
5	3.750	9.400	3.900	46.8	10.8	3.46	0.810E	0.125	0.051	0.343	1.19	8.10E	5
6	4.250	8.700	3.650	49.4	9.65	3.27	0.780E	0.113	0.052	0.327	1.30	10.9 E	6
7	3.950	8.100	3.400	48.4	8.60	3.07A	0.710E	0.114	0.052	0.306	1.74	11.7 E	7
8	3.800	7.800	3.200	41.5	7.59	2.70E	0.670E	0.104	0.124	0.310	3.30	12.0 E	8
9	4.050	7.000	3.000	40.8	7.28A	2.58E	0.630E	0.092	0.177	0.316	3.51	11.2 E	9
10	4.550	7.400	2.850	48.8	8.80E	2.37E	0.595E	0.081	0.160	0.293	4.58	10.7 E	10
11	5.050	8.300	2.700	48.5	9.80E	2.20E	0.560E	0.052	0.131	0.270	5.24	10.1 E	11
12	5.500	10.0 B	2.550	42.1	8.80E	2.05E	0.530E	0.145	0.105	0.262	7.79	9.80E	12
13	5.048	9.300	2.400	34.8	8.40E	1.90E	0.500E	0.126	0.092	0.262	13.0	10.8 E	13
14	4.800	8.655	2.295	29.5	7.80E	1.77E	0.475E	0.079	0.094	0.262	15.5	11.4 E	14
15	4.550	8.150	2.180	28.8	7.80E	1.64E	0.450E	0.068	0.130	0.304	18.0	11.8 E	15
16	4.350	7.700	2.050	36.4	10.0 E	1.52E	0.425E	0.075	0.123	0.267	21.0	11.5 E	16
17	4.050	7.250	2.800	38.3	12.0 E	1.62E	0.402E	0.060	0.114	0.287	27.8	11.0 E	17
18	3.800	6.800	3.500	37.5	10.8 E	1.75E	0.385A	0.057	0.121	0.301	27.4	10.5 E	18
19	3.710	6.550	4.800	55.3	9.80E	1.70E	0.358	0.038	0.124	0.270	8.20	10.1 B	19
20	3.570	6.150	6.900	70.8	8.10E	1.60E	0.326	0.033	0.135	0.298	5.70 A	9.70B	20
21	3.410	5.850	7.700	62.6	8.50E	1.51E	0.304	0.043	0.134	0.305	5.50 E	9.40B	21
22	3.300	5.500	8.700	53.3	7.75E	1.43E	0.279	0.081	0.148	0.316	7.65 E	9.00B	22
23	4.500	5.250	12.5 B	46.6	7.25E	1.34E	0.257	0.070	0.151	0.334	9.00 E	8.80B	23
24	5.700	5.000	15.0 B	36.9	8.85E	1.28E	0.229	0.070	0.151	0.431	8.70 E	9.80B	24
25	7.900	5.700	16.2 B	33.8	8.25E	1.21E	0.229	0.082	0.157	0.487	8.50 E	9.40B	25
26	9.000	6.250	17.0 E	29.5	5.75E	1.15E	0.267	0.055	0.148	0.509	8.20 E	8.80B	26
27	7.950	5.800	16.0 E	26.7	5.40E	1.09E	0.240	0.060	0.148	0.522	7.90 E	8.30B	27
28	7.400	5.300	15.8 E	22.1	5.00E	1.05E	0.225	0.082	0.151	0.506	7.80 E	7.90B	28
29	6.850		15.5 E	19.4	4.70E	1.03E	0.187	0.084	0.145	0.552	7.35 E	7.45B	29
30	6.450		20.9 E	17.0	4.40E	1.01E	0.190	0.058	0.153	0.552	7.15 E	7.10B	30
31	6.200		22.1 E		4.15E		0.170	0.057		0.700		6.70B	31
TOTAL	150.89	212.31	246.72	1 196.7	265.77	82.20	14.681	2.637	3.436	10.783	246.501	295.50	TOTAL
MEAN	4.87	7.58	7.96	38.9	8.57	2.07	0.480	0.085	0.115	0.348	8.22	9.53	MEAN
MAX	9.00	11.3	22.1	70.8	16.0	3.80	0.960	0.152	0.177	0.700	27.8	12.0	MAX
MIN	3.20	5.00	2.05	17.0	4.15	1.01	0.170	0.033	0.034	0.134	0.735	6.70	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.42
MAXIMUM DAILY, 70.8 ON APR 20
MINIMUM DAILY, 0.033 ON AUG 20
MAXIMUM INSTANTANEOUS,
71.9 AT 06 11 NST ON APR 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 33 35 N
LONG 54 06 25 W
DRAINAGE AREA, 385 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	13 000	JUL	1 280
FEB	18 300	AUG	228
MAR	21 300	SEP	297
APR	103 000	OCT	932
MAY	23 000	NOV	21 300
JUN	5 370	DEC	25 500

TOTAL DISCHARGE 234 000 dam³

RATTLE BROOK NEAR BOAT HARBOUR - STATION NO 022G004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.700B	3.50 B	0.330B	3.06	4.51	0.373	0.709	0.145	1.08	1.56	5.37	3.26	1
2	0.640B	16.0 B	0.310B	5.96	2.64	0.390	0.606	0.148	1.08	3.46	4.17	10.9	2
3	0.615B	6.79	0.285B	17.5	1.91	0.373	0.507	0.142	0.714	2.57	2.81	5.55	3
4	0.705B	4.61	0.263B	16.2	1.46	0.345	0.452	0.131	0.535	10.5	2.29	3.55	4
5	0.760B	2.97	0.252B	9.86	1.13	0.319	0.930	0.147	0.458	15.3	1.86	4.51	5
6	0.645B	2.21	0.239B	5.32	0.946	0.292	1.23	0.134	0.433	6.18	10.5	10.7	6
7	0.820B	1.79 B	0.226B	4.65	0.825	0.273	0.858	0.122	0.367	3.37	9.71	6.09	7
8	2.60 B	1.46 B	0.218B	4.12	0.819	0.325	0.659	0.107	0.316	2.39	5.17	3.53	8
9	5.55	1.21 B	0.207B	4.84	0.980	0.328	0.581	0.086	0.276	3.10	3.86	2.35	9
10	3.42	1.08 B	0.198B	5.19	1.80	0.335	0.287	0.060	0.244	2.65	5.58	1.84	10
11	2.30 B	3.40 B	0.193B	3.88	3.72	0.327	0.323	0.057	0.473	2.00	4.22	1.70	11
12	2.70 B	2.55 B	0.187B	2.77	3.04	0.314	0.324	0.054	2.60	1.54	4.37	1.45	12
13	1.50 B	1.86 B	0.181B	2.27	2.02	3.71	0.336	0.035	1.81	1.30	9.68	1.48	13
14	1.20 B	1.52 B	0.176B	1.88	1.47	4.80	0.349	0.026E	2.42	1.06	5.71	1.75	14
15	0.830B	1.32 B	0.171B	3.45	1.15	2.64	0.316	0.025E	2.18	0.888	3.55	1.73	15
16	0.810B	1.14 B	0.800B	4.78	0.951	2.18	0.287	0.020E	1.45	0.830	2.58	1.30	16
17	0.705B	0.970B	2.00 B	3.32	1.22	1.57	0.282	0.025E	0.980A	0.780	2.15	1.18 B	17
18	0.590B	0.820B	8.00 B	2.41	1.28	1.30	0.281	0.022E	1.85 E	0.704	1.86 B	1.00 B	18
19	0.518B	0.720B	15.0 B	2.18	1.05	1.07	0.236	0.023E	1.32 E	0.652	1.76 B	0.880B	19
20	0.448B	0.880B	28.3	2.02	0.834	0.921	0.219	0.024E	1.02 E	0.632	1.52 B	0.780B	20
21	0.410B	0.800B	18.2	1.78	0.736	0.783	0.201	0.021E	0.840E	0.627	6.31	0.730B	21
22	0.370B	0.530B	9.66	1.58	0.636	0.656	0.176	0.013E	0.710E	0.682A	5.84	0.680B	22
23	0.335B	0.448B	5.83	1.42	0.742	0.581	0.186	0.026E	0.634A	1.27 E	4.38	0.640B	23
24	0.750B	0.445B	3.86	1.21	0.717	0.512	0.148	0.073	0.841	1.61	2.98	0.608B	24
25	8.20 B	0.415B	3.15	1.14	0.626	0.472	0.147	0.064	0.878	1.26	2.21	0.570B	25
26	5.15 B	0.385B	2.87	1.01	0.571	0.447	0.154	0.082	0.643	4.80	1.78	0.540B	26
27	4.15 B	0.370B	2.76	0.844	0.521	0.407	0.213	0.091	0.531	7.19	1.43	0.518B	27
28	2.95 B	0.350B	5.78	0.758	0.480	0.375	0.213	0.083	0.525	3.51	1.20	0.498B	28
29	2.42 B		8.57	0.886	0.433	0.975	0.200	0.083	0.485	2.26	1.01	0.479B	29
30	1.88 B		3.88	3.45	0.402	0.909	0.183	0.083	0.476	8.82	0.930	0.600B	30
31	1.72 B		3.15		0.381		0.161	0.048		8.01		0.670B	31
TOTAL	84.696	62.290	116.039	120.258	40.188	28.111	11.686	2.136	27.371	88.805	118.040	72.270	TOTAL
MEAN	1.76	2.22	3.74	4.01	1.30	0.937	0.376	0.068	0.912	3.22	3.83	2.33	MEAN
MAX	8.20	16.0	28.3	17.5	4.51	4.80	1.23	0.148	2.60	15.3	10.5	10.9	MAX
MIN	0.335	0.350	0.171	0.886	0.381	0.273	0.147	0.013	0.244	0.627	0.930	0.475	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.06
MAXIMUM DAILY, 28.3 ON MAR 20
MINIMUM DAILY, 0.013E ON AUG 22
MAXIMUM INSTANTANEOUS,
30.8 AT 03 05 NST ON MAR 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 27 02 N
LONG 54 51 18 W
DRAINAGE AREA, 42.7 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 730	JUL	1 010
FEB	5 380	AUG	185
MAR	10 000	SEP	2 380
APR	10 400	OCT	8 820
MAY	3 470	NOV	10 200
JUN	2 430	DEC	6 240

TOTAL DISCHARGE, 65 000 dam³

REMARKS - THE "E" FOR DISCHARGES BELOW 0.032 m³/s IS DUE TO STAGE DISCHARGE CURVE EXTENSION

RATTLER BROOK NEAR MCIVERS - STATION NO. 02YL006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0818	0.0388	0.0338	1.30 B	0.715	0.102	0.040	0.021	0.048	0.146	0.700E	0.240E	1
2	0.0878	0.0388	0.0328	3.97	0.583	0.084	0.034	0.034	0.522	1.18	0.350E	0.290E	2
3	0.0818	0.0278	0.0318	5.25	0.388	0.071	0.028	0.026	0.783	0.982	0.310E	0.323E	3
4	0.0768	0.0268	0.0288	3.57	0.324	0.062	0.024	0.019	0.425	0.825	0.260E	0.278E	4
5	0.0748	0.0268	0.0268	2.69	0.291	0.058	0.028	0.015	0.430	2.00 A	0.268E	0.237E	5
6	0.0708	0.0258	0.0278	2.76	0.269	0.048	0.031	0.014	0.418	0.874	1.55 E	0.320E	6
7	0.0678	0.0248	0.0268	2.37	0.418	0.058	0.023	0.014	0.428	0.508	0.800E	0.400E	7
8	0.0658	0.0238	0.0258	2.11	0.847	0.092	0.020	0.011	0.749	0.363	0.440E	0.328E	8
9	0.0628	0.0238	0.0248	1.70	0.448	0.061	0.018	0.010	0.758	0.276	0.380E	0.270E	9
10	0.0598	0.0228	0.0238	1.85	0.326	0.078	0.017	0.012	0.418	0.235	0.290E	0.230E	10
11	0.0568	0.0498	0.0218	1.11	0.268	0.091	0.014	0.013	0.278	0.213	0.255E	0.205B	11
12	0.0708	0.0468	0.0218	0.726	0.208	0.067	0.013	0.011	0.186	0.205	0.320E	0.187B	12
13	0.0838	0.0448	0.0208	0.540	0.208	0.059	0.012	0.009	0.145	0.180	0.485E	0.173B	13
14	0.0678	0.0428	0.0238	0.505	0 198	0.052	0.012	0.008	0.114	0.146	0.370E	0.158B	14
15	0.0788	0.0408	0.0288	0.784	0.153	0.051	0.010	0.006	0.187	0.119	0.310E	0.150B	15
16	0.0738	0.0388	0.0328	1.06	0.192	0.112	0.010	0.006	0.188	0.119	0.285E	0.140B	16
17	0.0688	0.0378	0.0408	0.888	0.325	0.118	0.010	0.006	0.182	0.087A	0.540E	0.120B	17
18	0.0648	0.0368	0.0548	1.83	0.323	0.096	0.008	0.008	0.168	0.120E	1.00 E	0.123B	18
19	0.0588	0.0348	0.0808	5.53	0.228	0.083	0.008	0.018	0.144	0.232E	1.80 E	0.117B	19
20	0.0588	0.0328	0.1108	3.20	0.182	0.068	0.007	0.018	0.123	0.228E	0.980E	0.113B	20
21	0.0538	0.0328	3.00 B	2.34	0.138	0.058	0.008	0.017	0.108	0.213E	2.00 E	0.109B	21
22	0.0498	0.0308	8.00 B	3.95	0.118	0.049	0.008	0.020	0.092	0.800E	4.90 E	0.104B	22
23	0.0468	0.0288	4.80 B	1.38	0.210	0.043	0.008	0.032	0.084	1.30 E	2.80 E	0.100B	23
24	0.0448	0.0368	2.80 B	1.31	0.182	0.043	0.008	0.068	0.078	0.960E	1.30 E	0.087B	24
25	0.0428	0.0438	1.85 B	1.42	0.134	0.038	0.007	0.100	0.074	0.395E	0.780E	0.093B	25
26	0.0408	0.0408	1.16 B	0.880	0.108	0.032	0.008	0.188	0.081	0.540E	0.420E	0.090B	26
27	0.0388	0.0388	1.85 B	0.575	0.087	0.028	0.011	0.188	0.147	0.880E	0.470E	0.088B	27
28	0.0368	0.0358	3.40 B	0.405	0.071	0.025	0.010	0.125	0.204	0.480E	0.485E	0.088B	28
29	0.0348		1.20 B	0.315	0.071	0.030	0.007	0.090	0.188	1.80 E	0.330E	0.084B	29
30	0.0328		0.8008	0.448	0.088	0.028	0.008	0.088	0.188	2.80 E	0.278E	0.081B	30
31	0.0318		0.6208		0.080		0.008	0.044		1.70 E		0.076B	31
TOTAL	1.886	0.933	28.805	61.988	7.904	2.053	0.448	1.178	7.876	19.884	24.980	5.426	TOTAL
MEAN	0.061	0.033	0.929	2.07	0.255	0.068	0.014	0.038	0.263	0.844	0.833	0.175	MEAN
MAX	0.093	0.048	8.00	9.53	0.715	0.118	0.040	0.188	0.783	2.80	4.80	0.400	MAX
MIN	0.031	0.022	0.020	0.315	0.068	0.025	0.008	0.008	0.048	0.087	0.255	0.076	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.448
MAXIMUM DAILY, 9.53 ON APR 19
MINIMUM DAILY, 0.006 ON JUL 21
MAXIMUM INSTANTANEOUS,
14.6E AT 06:11 NST ON APR 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 03 34 N
LONG 55 06 19 W
DRAINAGE AREA, 17.0 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	183	JUL	38.6
FEB	80.6	AUG	102
MAR	2 480	SEP	680
APR	5 350	OCT	1 720
MAY	683	NOV	2 150
JUN	177	DEC	469

TOTAL DISCHARGE, 14 100 dam³

RATTLING BROOK AT RATTLING BROOK POWERHOUSE - STATION NO. 02YD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.38	5.34	4 67	13 9	13 9	13.6	5.80	0	0 113	3.84	1.87	7.31	1
2	5 27	5 43	5 38	13 8	14 0	14 1	5 82	1.19	2 12	3 54	1 95	7 82	2
3	4 30	5 43	5 78	13 6	14 0	13 7	5 87	0	3 08	3 62	1 98	10.3	3
4	4 30	5 51	4 58	13 9	31 1	13 5	5 87	1 36	2 89	3 94	2 12	10 2	4
5	4 33	5 51	5 78	14 2	14 3	13 0	5 95	0 396	2 83	1 64	1 93	10 1	5
6	4 42	5 37	4 67	13 9	11 9	13 6	5 89	0	2 80	3 85	2 48	10.3	6
7	5 15	6 03	5 95	14 2	13 9	13 3	5 78	0 991	2 89	3 67	1 90	10 2	7
8	4 30	5 14	5 10	14 0	13 9	13 4	5 92	0	2 89	3 88	1 70	10 4	8
9	4 53	4 13	5 30	14 1	14 0	13 5	5 83	0 623	2 83	3 95	1 95	10 6	9
10	5 12	5 29	5 30	14 0	13 9	13 5	5 87	0	3 85	3 77	5 41	10 2	10
11	5 37	4 28	3 88	14 2	14 0	13 4	5 78	0 311	4 45	3 77	7 67	10 4	11
12	5 40	5 51	5 38	13 9	13 9	11 0	5 85	0	3 77	2 01	5 18	10 4	12
13	5 25	5 30	3 88	14 0	13 9	5 84	5 85	0 340	3 62	3 62	5 18	10 4	13
14	5 48	5 29	1 44	14 1	13 7	5 72	4 05	0	3 99	2 80	5 04	10 4	14
15	5 31	3 65	1 42	13 9	13 7	5 84	4 05	0 113	2 38	3 88	5 27	10 4	15
16	5 37	4 67	2 76	14 0	14 0	5 75	3 95	0	3 43	3 74	5 84	10 4	16
17	5 40	5 48	3 82	14 0	13 8	5 78	3 71	0 142	3 51	3 82	7 78	10 5	17
18	5 51	5 48	2 24	13 8	13 9	5 86	5 80	0	3 54	3 88	5 27	10 3	18
19	5 54	5 63	5 88	13 9	13 7	5 80	5 78	0 113	4 90	3 82	5 18	10 4	19
20	5 40	5 54	5 78	72 8	13 8	5 78	3 85	0	3 74	3 81	5 41	10 1	20
21	5 48	5 26	5 13	109	13 8	5 72	3 82	0 170	1 87	3 88	5 13	10 4	21
22	7 08	5 54	5 61	81 6	13 8	5 86	3 84	0	3 78	4 30	5 36	5 35	22
23	7 89	5 48	5 61	86 5	13 9	5 82	3 80	0 426	3 80	4 70	5 21	5 88	23
24	5 80	5 37	9 00	86 5	13 8	5 84	3 81	0	3 85	1 53	5 27	5 08	24
25	7 38	4 47	10 5	43 9	13 7	5 82	3 77	0 113	3 88	1 47	5 18	5 17	25
26	7 97	4 58	11 1	21 1	13 8	5 88	3 87	0 227	3 81	2 44	5 35	5 08	26
27	7 88	5 40	11 8	24 1	13 9	5 08	3 84	0	3 94	3 88	7 82	7 85	27
28	5 40	5 12	12 2	23 7	13 8	5 80	3 81	0 113	3 88	4 05	5 13	5 14	28
29	5 77		12 3	20 0	13 9	5 88	1 87	0	3 82	3 94	5 18	5 17	29
30	5 20		12 4	14 0	14 1	5 78	1 81	0 142	3 88	1 70	5 50	5 23	30
31	5 78		13 0		13 8		1 84	0		1 98		5 09	31
TOTAL	189.29	166.07	209.88	766 1	445 6	266 48	141 11	5.769	99 823	105.02	167.18	278.17	TOTAL
MEAN	6 11	5 93	6 77	26 2	14 4	8 88	4 55	0.216	3.33	3.39	5.24	8.81	MEAN
MAX	8 80	6 63	13 0	109	31 1	14 1	5 87	1 36	4 90	4 70	5 84	10 8	MAX
MIN	4 30	3 65	1 42	12 9	11 9	5 84	1 84	0	0 113	1 47	1 70	5 89	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7 89
MAXIMUM DAILY 109 ON APR 21
MINIMUM DAILY 0 ON AUG 1

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 48 03 12 N
LONG 55 17 12 W
DRAINAGE AREA, 378 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	16 600	JUL	12 200
FEB	14 300	AUG	885
MAR	18 100	SEP	6 620
APR	67 900	OCT	8 070
MAY	38 500	NOV	16 200
JUN	23 000	DEC	23 900

TOTAL DISCHARGE, 249 000 dam³

DATA CONTRIBUTED BY -
NEWFOUNDLAND LIGHT AND POWER COMPANY LIMITED

REGULATED

RIVIERE JOIR NEAR PROVINCIAL BOUNDARY - STATION NO 02XA004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.618	5.398	4.688	5.168	80.0E	47.5E	20.0	23.2	18.3	25.1	53.1	35.8	1
2	5.808	5.358	4.668	5.308	71.5E	52.1E	20.7	22.5	18.0	42.2	48.9	30.6	2
3	5.688	5.318	4.638	5.708	95.0E	59.2E	18.7	21.1	18.1	88.4	54.5	32.4	3
4	5.508	5.298	4.618	5.408	81.0E	58.3E	18.6	19.3	18.3	129	47.8	28.7	4
5	5.408	5.258	4.608	7.008	58.1E	58.0E	18.2	21.1	18.5	157	42.5	27.0	5
6	5.388	5.218	4.598	8.988	53.8E	55.0E	17.8	29.3	18.3	171	38.5	25.1	6
7	5.368	5.208	4.568	12.5 B	52.5E	52.0E	16.4	34.7	15.6	183	33.6	22.0	7
8	5.298	5.188	4.558	19.6 B	53.5E	50.0E	14.6	34.0	18.3	143	38.7	20.4	8
9	5.218	5.158	4.558	27.0 B	60.5E	54.0E	13.6	32.0A	16.8	122	35.7	19.5	9
10	5.208	5.118	4.538	38.5 B	73.0E	57.9E	12.7	28.5	16.6	103	29.6	19.2 B	10
11	5.188	5.098	4.528	42.1 B	82.2E	65.9E	11.1	25.9	15.6	87.9	26.0	18.2 B	11
12	5.108	5.058	4.508	41.5 B	84.0E	74.0E	11.7	23.0	14.2	75.9	22.5	17.0 B	12
13	5.028	5.018	4.498	39.6 B	90.0E	77.5A	16.7	20.7	12.9	66.3	20.6	16.0 B	13
14	5.018	5.008	4.488	38.1 B	97.0E	67.8	30.9	20.6	12.3	56.4	18.9	15.0 B	14
15	5.008	4.998	4.488	36.8 B	108 E	91.8	49.4	20.1	14.3	52.7	17.3	14.1 B	15
16	5.988	4.988	4.528	37.1 B	121 E	89.1	46.5	18.1	21.2	49.0	16.9	13.4 B	16
17	5.918	4.978	4.888	38.8 B	124 E	81.7	44.3	16.2	28.8	46.0	24.2	12.8 B	17
18	5.838	4.968	4.858	80.0 B	123 E	71.8	41.5	15.5	34.4	42.8	17.0	12.1 B	18
19	5.678	4.908	5.018	83.3 B	110 E	62.8	39.9	17.2	35.2	42.3	16.5	11.5 B	19
20	5.628	4.888	5.218	80.5 B	89.0E	56.0	38.0	16.7	33.4	44.3	15.8	10.9 B	20
21	5.808	4.858	5.408	131 E	91.5E	48.9	30.6	22.8	31.7	45.9	15.4	10.5 B	21
22	5.748	4.818	5.818	170 E	84.0E	43.1	26.6	25.1	28.9	46.3	21.4	10.1 B	22
23	5.738	4.808	5.818	202 E	77.0E	38.1	23.8	25.8	25.7	46.8	30.5	9.808	23
24	5.888	4.798	6.188	208 E	68.0E	33.8	30.3	26.1	24.7	47.6	35.2	9.408	24
25	5.828	4.788	6.418	203 E	82.1E	29.5	20.0	26.1	27.4	42.6	40.1	9.108	25
26	5.808	4.758	6.638	185 E	87.5E	26.1	18.3	27.3	29.8	42.4	40.1	8.808	26
27	5.598	4.728	6.708	150 E	84.0E	23.1	16.3	26.3	28.9	41.6	39.3	8.808	27
28	5.548	4.718	6.508	121 E	49.0E	21.0	15.2	23.2	28.0	39.1	37.5	8.308	28
29	5.508		5.788	105 E	47.0E	20.0	22.1	22.1	27.2	37.3	32.5	8.108	29
30	5.498		5.458	90.0 E	45.8E	20.1	22.3	19.9	25.5	44.1	26.1	7.908	30
31	5.428		5.218		46.0E		22.8	18.1		50.9		7.708	31
TOTAL	185.70	140.47	158.41	2 170.44	2 349.0	1 806.4	747.5	729.0	650.9	2 196.9	939.5	490.10	TOTAL
MEAN	5.99	5.02	5.11	72.3	75.8	53.5	24.1	23.5	22.0	70.9	31.3	15.8	MEAN
MAX	8.61	5.39	8.70	208	124	91.8	49.4	34.7	35.2	171	54.5	32.4	MAX
MIN	5.43	4.71	4.46	5.18	45.8	20.0	11.1	18.5	12.3	25.1	15.4	7.70	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 33.9
MAXIMUM DAILY, 208E ON APR 24
MINIMUM DAILY, 4.46B ON MAR 15

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 52 08 50 N
LONG 60 03 34 W
DRAINAGE AREA, 2 060 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	16 000	JUL	64 600
FEB	12 100	AUG	63 000
MAR	13 700	SEP	57 100
APR	188 000	OCT	190 000
MAY	203 000	NOV	81 200
JUN	139 000	DEC	42 300

TOTAL DISCHARGE, 1 070 000 dam³

ROCKY RIVER NEAR COLINET - STATION NO 02ZK001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.508	15.0 B	4.808	18.0	23.5	2.38	1.57	1.68	0.858	5.28	14.2	4.45	1
2	4.258	25.0 B	4.308	28.1	14.6	2.37	1.55	1.64	1.24	11.3	14.3	9.36	2
3	4.108	35.0 B	3.958	80.0	10.5	2.20	1.54	1.48	1.31	8.34	11.2	11.7	3
4	4.608	27.0 B	3.608	56.0	8.71	2.22	1.33	1.26	1.33	8.57	10.2	10.2	4
5	5.208	22.0 B	3.308	38.1	7.37	2.01	1.58	1.20	1.16	9.52	9.15	10.9	5
6	4.708	18.0 B	3.058	26.6	8.55	1.94	2.86	1.03	0.895	8.41	17.1	36.8	6
7	4.308	16.0 B	2.858	24.3	5.92	1.77	2.84	0.950	0.804	8.97	21.6	22.1	7
8	8.508	14.0 B	2.708	28.5	8.13	1.83	2.43	0.844	0.780	8.73	14.1	15.8	8
9	14.0 B	16.0 B	2.658	44.0	10.8	2.40	1.97	0.707	0.800	15.0	11.2	11.7	9
10	11.0 B	17.5 B	2.358	43.2	37.8	2.32	1.61	0.632	0.807	15.7	12.0	9.88	10
11	7.308	16.0 B	2.258	38.7	45.4	2.84	1.42	0.632	0.802	9.84	11.2	7.76	11
12	8.008	13.0 B	2.188	31.1	27.7	2.72	1.28	0.684	0.884	8.86	14.5	7.14	12
13	10.5 B	11.0 B	2.058	17.2	17.8	3.36	1.23	0.668	0.844	5.80	42.4	8.29	13
14	9.508	8.308	1.858	14.0	12.6	7.57	1.12	0.606	0.582	5.02	23.5	11.2	14
15	7.308	8.308	1.908	17.9	8.76	5.83	1.05	0.387	0.872	4.43	18.5	11.5	15
16	8.108	7.308	2.508	33.8	8.35	5.72	1.00	0.402	2.74	4.01	13.4	8.46	16
17	5.508	6.508	4.208	21.8	10.4	5.03	0.938	0.383	2.57	3.74	10.8	8.36	17
18	5.008	5.608	7.608	16.7	10.5	3.99	0.917	0.330	8.89	3.27	9.87	7.858	18
19	4.608	5.308	15.0 B	15.6	8.92	3.28	0.885	0.324	18.7	3.28	9.44	7.108	19
20	4.308	4.808	70.0 B	15.8	7.28	2.75	0.768	0.348	10.2	3.00	9.77	8.608	20
21	4.008	4.408	59.0 B	12.8	6.30	2.59	0.678	0.388	5.68	2.85	8.83	8.188	21
22	3.808	4.008	47.0 B	11.8	5.87	2.26	0.646	0.373	4.82	10.3	9.72	5.788	22
23	3.608	3.688	36.0 B	10.2	5.52	2.01	0.585	0.382	4.08	28.9	10.3	5.488	23
24	7.008	3.408	28.0 B	8.78	5.11	2.01	0.593	3.55	3.33	15.6	8.31	5.208	24
25	48.0 B	4.808	25.0 B	9.81	4.58	1.73	0.719	3.70	2.87	10.7	8.67	4.808	25
26	35.0 B	7.008	31.0 B	8.85	4.14	1.80	0.673	2.38	3.67	17.0	8.54	4.788	26
27	25.0 B	8.508	36.0 B	6.59	3.85	1.80	4.83	1.77	4.77	24.8	8.08	4.588	27
28	18.0 B	9.708	33.0 B	7.38	3.08	1.53	4.66	1.45	5.87	14.6	8.48	4.408	28
29	15.0 B		27.0 B	8.84	3.00	1.38	2.82	1.14	4.56	10.8	8.148	4.308	29
30	13.0 B		24.0 B	9.37	2.74	1.61	2.14	0.864	3.78	17.6	4.87	5.108	30
31	11.0 B		20.8		2.58		1.86	0.828		18.8		5.808	31
TOTAL	314.75	335.08	511.58	666.43	337.43	82.72	60.380	32.388	100.668	314.61	388.38	287.21	TOTAL
MEAN	10.2	12.0	16.5	22.2	10.9	2.76	1.62	1.04	3.36	10.2	12.3	9.26	MEAN
MAX	48.0	35.0	70.0	80.0	45.4	7.57	4.83	3.70	18.7	28.9	42.4	36.8	MAX
MIN	3.80	3.40	1.80	5.84	2.58	1.38	0.593	0.324	0.582	2.85	4.87	4.30	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.32
MAXIMUM DAILY, 70.0B ON MAR 20
MINIMUM DAILY, 0.324 ON AUG 19
MAXIMUM INSTANTANEOUS,
75.5 AT 18:19 NST ON APR 3

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 13 29 N
LONG 53 34 08 W
DRAINAGE AREA, 285 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	27 200	JUL	6 340
FEB	26 600	AUG	2 600
MAR	44 200	SEP	8 700
APR	57 600	OCT	27 200
MAY	28 200	NOV	31 600
JUN	7 150	DEC	24 600

TOTAL DISCHARGE, 294 000 dam³

SALMON COVE RIVER NEAR CHAMPNEYS - STATION NO. 02ZJ002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.830B	3.20B	1.41 B	4.49	4.05 E	0.947A	0.328	0.084	0.031E	0.483	3.00	1.44	1
2	0.900B	5.00B	1.32 B	4.68A	4.20 E	0.868	0.308	0.073	0.068	0.732	3.04	1.79	2
3	1.10 B	7.00B	1.23 B	5.00E	3.45 E	0.833	0.285	0.088	0.086	0.742	2.93	2.05	3
4	1.30 B	5.40B	1.17 B	5.50E	2.85 E	0.858	0.270	0.185	0.071	1.04	2.83	2.17	4
5	1.20 B	4.80B	1.10 B	5.30E	2.60 E	0.815	0.278	0.068	0.070	1.84	2.70	2.33	5
6	1.10 B	3.75B	1.03 B	7.50E	2.35 E	0.785	0.343	0.055E	0.084	1.78	2.75	3.83	6
7	1.00 B	3.10B	0.980B	7.40E	2.15 E	0.735	0.317	0.044E	0.068	1.81	2.88	3.74	7
8	1.35 B	3.60B	0.900B	7.70E	1.83 E	0.675	0.288	0.035E	0.080	1.88	2.74	3.87	8
9	1.80 B	3.10B	0.850B	8.10E	1.80 E	0.683	0.273	0.032E	0.101	1.79	2.59	3.78	9
10	1.55 B	3.55B	0.800B	7.80E	2.00 E	0.636	0.244	0.049E	0.108	1.84	2.49	3.55	10
11	1.30 B	3.19B	0.745B	7.45E	2.22 E	0.827	0.231	0.089	0.088	1.78	2.39	3.38	11
12	1.81 B	2.88B	0.700B	6.90E	2.05 E	0.881	0.203	0.040E	0.072	1.88	2.43	3.04	12
13	2.01 B	2.61B	0.680B	6.67A	1.87 E	0.868	0.189	0.038E	0.059E	1.89	3.39	3.18	13
14	1.88 B	2.39B	0.635B	6.78	1.70 E	0.573	0.187	0.028E	0.051E	1.80	3.15	3.80	14
15	1.71 B	2.18B	0.610B	6.80	1.55 E	0.553	0.184	0.021E	0.068	1.45	3.04	3.78	15
16	1.58 B	1.97B	1.80 B	6.75	1.37 E	0.623	0.181	0.019E	0.188	1.44	2.89	3.81	16
17	1.42 B	1.81B	3.15 B	6.08	2.45 E	0.869	0.158	0.020	0.187	1.36	2.83	3.488	17
18	1.32 B	1.65B	5.00 B	5.73	2.38 E	0.880	0.138	0.021	0.183	1.21	2.88	3.208	18
19	1.22 B	1.52B	7.80 B	5.88	1.90 E	0.838	0.125	0.102	0.289	1.11	2.39	2.958	19
20	1.14 B	1.40B	10.0 E	6.29	1.70 E	0.804	0.124	0.080	0.293	1.08	2.29	2.708	20
21	1.08 B	1.30B	10.6 E	6.80	1.55 E	0.585	0.132	0.089	0.284	1.04	2.17	2.488	21
22	0.960B	1.20B	9.60 E	6.80	1.40 E	0.580	0.153	0.082	0.281	1.04	2.19	2.388	22
23	0.920B	1.10B	8.40 E	6.83	1.35 E	0.533	0.158	0.087E	0.284	1.32	2.24	2.108	23
24	1.35 B	1.02B	7.30 E	6.63	1.33 E	0.502	0.115	0.082	0.289	1.33	2.13	1.938	24
25	2.00 B	1.85B	6.75 A	6.12	1.29 E	0.489	0.101	0.082	0.279	1.34	2.058	1.788	25
26	3.70 B	1.67B	8.05	5.84A	1.22 E	0.484	0.093	0.070	0.271	1.83	1.908	1.688	26
27	3.25 B	1.58B	5.42	4.85E	1.18 E	0.416	0.122	0.084	0.332	2.14	1.758	1.578	27
28	2.85 B	1.45B	5.10	4.30E	1.12 E	0.371	0.132	0.051E	0.435	1.80	1.628	1.478	28
29	2.50 B		5.21	3.90E	1.06 E	0.348	0.112	0.048E	0.420	1.85	1.57	1.378	29
30	2.22 B		5.03	3.60E	1.01 E	0.351	0.104	0.042E	0.403	2.82	1.45	1.288	30
31	2.07 B		4.88		0.980E		0.085	0.031E		3.04		1.208	31
TOTAL	50.320	74.07	115.810	188.83	80.230	18.775	5.963	1.814	5.484	47.017	74.40	80.37	TOTAL
MEAN	1.62	2.65	3.74	6.30	1.94	0.628	0.192	0.059	0.182	1.52	2.48	2.59	MEAN
MAX	3.70	7.00	10.6	8.50	4.20	0.986	0.343	0.185	0.435	3.04	3.39	3.87	MAX
MIN	0.800	1.02	0.610	3.60	0.980	0.348	0.093	0.019	0.031	0.483	1.45	1.20	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.88
MAXIMUM DAILY, 10.6E ON MAR 21
MINIMUM DAILY, 0.019E ON AUG 16

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 23 45 N
LONG 53 18 05 W
DRAINAGE AREA, 73.6 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 350	JUL	515
FEB	6 400	AUG	157
MAR	10 000	SEP	472
APR	16 300	OCT	4 060
MAY	6 200	NOV	6 430
JUN	1 620	DEC	6 940

TOTAL DISCHARGE, 62 400 dam³

REMARKS - THE "E" FOR DISCHARGES BELOW 0.082 m³/s IS DUE TO STAGE DISCHARGE CURVE EXTENSION

SALMON RIVER AT BAY D'ESPOIR POWERHOUSE - STATION NO. 02ZE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	89.3	175	125	180	141	137	74.0	85.3	78.0	82.3	152	280	1
2	115	126	147	215	108	142	85.3	79.7	102	74.3	195	189	2
3	135	116	174	144	94.9	152	138	94.3	85.2	87.0	188	244	3
4	96.1	83.9	168	129	110	127	145	94.8	79.1	71.7	188	284	4
5	136	74.9	147	113	95.6	104	151	90.6	78.7	105	190	177	5
6	158	120	150	138	89.4	90.5	148	86.1	85.4	106	115	129	6
7	157	132	168	217	107	100	128	77.8	89.6	127	183	179	7
8	118	136	166	258	89.3	115	114	78.5	72.4	116	180	202	8
9	144	124	150	240	85.2	127	114	87.0	81.0	111	174	248	9
10	164	128	131	283	82.7	115	123	78.1	75.7	95.1	212	247	10
11	159	153	164	274	81.7	115	112	86.9	85.7	72.2	144	219	11
12	143	162	139	257	78.6	93.8	92.3	91.6	80.3	75.6	204	208	12
13	111	147	142	291	134	115	106	84.8	88.4	120	95.7	134	13
14	119	158	126	281	120	103	133	73.6	84.7	125	90.4	178	14
15	135	143	114	279	145	142	134	80.9	72.6	136	95.0	218	15
16	131	171	139	267	119	135	118	81.3	87.2	98.0	214	150	16
17	168	161	92.8	203	116	128	102	111	87.8	88.8	159	136	17
18	202	159	116	193	157	207	90.6	96.4	80.6	87.2	105	136	18
19	180	118	180	192	218	181	75.1	78.1	72.9	130	79.0	132	19
20	203	161	205	210	218	123	93.7	72.4	87.0	74.2	105	138	20
21	180	168	245	264	153	102	94.3	78.7	102	82.6	110	150	21
22	172	178	262	231	110	114	81.1	76.1	121	88.8	200	127	22
23	180	184	274	185	117	131	88.2	72.1	92.2	89.0	284	90.6	23
24	97.2	202	275	214	96.6	127	82.6	73.9	89.1	82.0	283	110	24
25	111	203	271	181	124	128	88.9	104	91.4	82.8	277	113	25
26	142	194	231	167	129	122	73.6	100	85.8	81.6	259	142	26
27	112	194	227	184	158	88.7	89.0	105	90.1	87.7	295	178	27
28	140	188	225	188	148	86.1	75.6	83.0	113	75.6	305	200	28
29	112		204	226	120	87.3	86.3	100	108	83.3	295	185	29
30	161		225	208	140	81.6	88.7	88.3	80.5	75.7	281	141	30
31	188		219		107		100	130		133		114	31
TOTAL	4 435.6	4 253.8	5 589.8	6 403	3 750.0	3 619.2	3 264.6	2 717.3	2 448.6	2 745.7	5 593.1	5 352.5	TOTAL
MEAN	143	152	180	213	121	121	105	87.7	81.6	88.6	186	173	MEAN
MAX	203	203	275	291	218	207	181	130	121	139	305	280	MAX
MIN	89.3	74.9	92.8	113	81.7	81.6	73.6	87.0	85.4	82.8	79.0	90.6	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 137
MAXIMUM DAILY, 305 ON NOV 28
MINIMUM DAILY, 92.8 ON OCT 25

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 47 59 00 N
LONG 55 51 12 W
DRAINAGE AREA 5 910 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	383 000	JUL	281 000
FEB	368 000	AUG	235 000
MAR	483 000	SEP	211 000
APR	553 000	OCT	237 000
MAY	324 000	NOV	483 000
JUN	313 000	DEC	462 000

TOTAL DISCHARGE, 4 330 000 dam³

DATA CONTRIBUTED BY -
NEWFOUNDLAND AND LABRADOR HYDRO

REGULATED SINCE 1967

SALMON RIVER NEAR GLENWOOD - STATION NO. 02YG005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.5208	0.8608	0.3408	14.2 B	9.35	0.441	0.486	0.027	0.030	0.298	2.62	1.86	1
2	0.4408	1.40 B	0.3008	20.0 B	5.45	0.514	0.404	0.028	0.028	0.271	2.42	2.20	2
3	0.3708	2.80 B	0.2488	28.5 B	3.97	0.588	0.373	0.030	0.030	0.261	1.87	3.96	3
4	0.4908	4.35 B	0.2208	33.4 B	2.87	0.594	0.289	0.013E	0.024	0.409	1.86	3.45	4
5	0.8908	3.50 B	0.2028	19.0 B	2.47	0.575	0.275	0.013E	0.029	0.856	1.44	2.80	5
6	0.8008	2.90 B	0.1928	15.0 B	2.17	0.497	0.245	0.011E	0.033	1.14	2.27	3.80	6
7	0.5208	2.35 B	0.1828	11.5	1.88	0.471	0.188	0.008E	0.032	1.08	7.09	4.57	7
8	0.7008	1.80 B	0.1728	9.87	1.66	0.471	0.163	0.005E	0.102	1.04	5.11	4.28	8
9	0.8408	1.40 B	0.1638	11.8	1.75	0.485	0.150	0.002A	0.187	0.884	3.12	2.71	9
10	0.8608	2.90 B	0.1588	18.4	1.48	0.490	0.132	0.002E	0.258	0.845	2.59	2.98	10
11	0.5808	5.25 B	0.1518	10.2	2.94	0.530	0.127	0.001E	0.255	0.744	1.96	2.63	11
12	0.5408	3.90 B	0.1488	6.12	5.39	0.536	0.121	0.001E	0.205	0.634	1.65	2.00	12
13	0.7808	3.10 B	0.1438	4.13	4.23	0.547	0.117	0 A	0.188	0.565	5.61	1.88	13
14	0.9208	2.40 B	0.1388	3.02	2.63	0.518	0.114	0 E	0.178	0.498	5.61	1.50 B	14
15	0.7808	1.90 B	0.1368	5.25	1.87	0.576	0.114	0 E	0.195	0.465	4.94	1.29 B	15
16	0.6808	1.50 B	0.3008	13.4	1.24	0.722	0.093	0 E	0.238	0.416	2.93	1.13 B	16
17	0.5808	1.12 B	0.6508	10.1	1.76	1.07	0.067	0 E	0.285	0.390	2.63	1.02 B	17
18	0.4808	0.9008	1.30 B	10.5	2.08	1.01	0.057	0 E	0.337	0.315	2.39	0.9428	18
19	0.4308	0.7408	3.20 B	43.3 A	1.87	0.931	0.075	0.005E	0.415	0.388	2.07	0.8608	19
20	0.3858	0.6508	3.80 B	41.0 E	1.57	0.855	0.088	0.005E	0.510	0.403	1.81	0.8008	20
21	0.3638	0.5808	5.80 B	27.0 E	1.25	0.802	0.080	0.014E	0.488	0.384	1.87	0.7818	21
22	0.3338	0.4908	8.00 B	17.0 E	1.12	0.704	0.067	0 039	0.516	0.395	2.08	0.7088	22
23	0.3138	0.4418	12.6 B	12.1 A	1.05	0.595	0.068	0.036	0.548	0.500	3.25	0.6718	23
24	0.3808	0.3908	8.00 B	7.95	1.05	0.540	0.064	0.040	0.520	0.578	3.35	0.6408	24
25	0.5558	0.5808	6.00 B	6.51	0.987	0.488	0.037	0.039	0.442	0.548	2.79	0.6008	25
26	0.5008	0.7808	4.00 B	5.35	0.856	0.471	0.037	0.043	0.483	0.710	2.29	0.5808	26
27	0.4408	0.5808	2.80 B	4.24	0.785	0.433	0.038	0.042	0.435	1.33	2.04	0.5588	27
28	0.3908	0.4208	3.90 B	2.97	0.683	0.411	0.029	0.042	0.417	1.25	3.71	0.5358	28
29	0.3208		5.80 B	2.33	0.600	0.408	0.032	0.041	0.387	1.08	3.32	0.5158	29
30	0.2858		7.80 B	3.94	0.507	0.450	0.029	0.040	0.355	2.03	2.75	0.4928	30
31	0.2608		10.0 B		0.480		0.029	0.038		2.81		0.4788	31
TOTAL	18.114	49.441	85.843	405.19	89.888	17.805	4.117	0.550	8.132	23.373	89.83	52.747	TOTAL
MEAN	0.520	1.77	2.79	13.5	2.25	0.584	0.133	0.018	0.271	0.754	2.99	1.70	MEAN
MAX	0.920	5.25	12.8	43.3	5.35	1.07	0.486	0.043	0.848	2.81	7.09	4.57	MAX
MIN	0.260	0.390	0.138	2.33	0.480	0.408	0.029	0	0.024	0.261	1.44	0.478	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.26
MAXIMUM DAILY, 43.3A ON APR 19
MINIMUM DAILY, 0A ON AUG 13

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 00 41 N
LONG 54 55 03 W
DRAINAGE AREA, 80.8 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 390	JUL	356
FEB	4 270	AUG	147 S
MAR	7 490	SEP	703
APR	35 000	OCT	2 020
MAY	5 020	NOV	7 730
JUN	1 540	DEC	4 550

TOTAL DISCHARGE, 71 200 dam³

REMARKS - THE "E" FOR DISCHARGES ABOVE 22.6 m³/s AND BELOW .015 m³/s IS DUE TO STAGE DISCHARGE CURVE EXTENSION

SALMONIER RIVER NEAR LAMALINE - STATION NO. 02ZG003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.9708	2.50 B	0.3828	15.0 E	5.62	0.482	0.378	0.185	0.118	3.47	16.7	1.85	1
2	0.9008	5.00 B	0.3638	22.0 E	4.88	0.808	0.336	0.156	0.887	5.70	10.7	9.44	2
3	0.8108	4.80 B	0.3468	30.0 E	3.32	0.516	0.283	0.134	1.04	5.31	5.86	8.53	3
4	1.10 B	3.80 B	0.3308	44.0 E	2.36	0.447	0.236	0.124	0.647	19.2	4.70	6.22	4
5	0.8508	3.10 B	0.3148	34.0 E	1.72	0.408	0.255	0.156	0.535	20.0	3.44	7.57	5
6	0.8208	2.65 B	0.3018	24.0 E	1.42	0.337	0.288	0.145	0.401	15.4	10.4	15.0	6
7	1.70 B	2.35 B	0.2908	17.5 E	1.15	0.343	0.308	0.135	0.359	7.02	14.1	8.84	7
8	5.00 B	2.05 B	0.2748	12.5 E	1.14	0.580	0.243	0.108	0.387	4.62	8.30	5.71	8
9	4.30 B	1.90 B	0.2898	10.0 E	2.72	0.855	0.245	0.091	0.358	9.58	6.58	3.12	9
10	3.85 B	2.40 B	0.2598	8.18	5.78	0.448	0.226	0.083	0.379	8.84	7.34	2.71	10
11	4.30 B	3.10 B	0.2518	6.20	8.26	0.447	0.208	0.072	0.385	5.88	5.80	2.32	11
12	6.00 B	2.75 B	0.2448	4.23	5.38	0.486	0.203	0.063	0.322	4.00	7.49	2.08	12
13	3.80 B	2.05 B	0.2368	3.59	3.84	2.23	0.198	0.055	0.281	2.87	15.1	4.18	13
14	2.50 B	1.85 B	0.2268	2.95	2.62	5.14	0.194	0.058	0.245	2.23	9.38	4.77	14
15	1.85 B	1.35 B	0.2218	5.62	1.74	4.80	0.182	0.088	3.34	1.71	8.02	3.97	15
16	1.50 B	1.15 B	0.5908	8.13	1.40	4.08	0.172	0.058	5.41	1.40	3.95	2.77	16
17	1.25 B	0.9908	1.00 B	6.44	1.58	2.69	0.178	0.065	5.88	1.21	2.48	2.35 B	17
18	1.05 B	0.8808	2.00 B	4.48	1.75	2.18	0.155	0.072	12.2	1.01	2.88	1.82 B	18
19	0.8008	0.7808	4.00 B	4.02	2.21	1.88	0.127	0.088	7.32	0.889	2.56	1.82 B	19
20	0.8008	0.7108	25.0 E	4.81	1.77	1.32	0.117	0.081	4.50	1.08	2.35	1.43 B	20
21	0.8808	0.8508	21.5 E	3.83	1.41	1.03	0.092	0.088	2.88	0.855	6.58	1.35 B	21
22	0.8308	0.8008	18.3 E	3.27	1.19	0.832	0.080	0.086	2.13	1.49	11.4	1.13 B	22
23	0.8708	0.8508	16.7 E	2.83	1.33	0.874	0.088	0.109	1.83	4.59	8.00	1.02 B	23
24	1.10 B	0.8068	13.8 E	2.36	1.28	0.831	0.086	0.252	1.57	3.50	4.80	0.8308	24
25	4.00 B	0.4758	12.1 E	2.24	1.07	0.434	0.053	0.276	1.28	2.92	3.59	0.8508	25
26	3.00 B	0.4508	11.3 E	2.03	0.826	0.400	0.088	0.234	1.04	11.2	3.91	0.7808	26
27	2.20 B	0.4258	13.2 E	1.74	0.718	0.348	0.211	0.188	0.886	13.5	2.18	0.7308	27
28	1.80 B	0.4058	14.6 E	1.38	0.841	0.302	0.305	0.159	1.04	7.20	1.618	0.8908	28
29	1.45 B		12.5 E	1.18	0.533	0.341	0.218	0.152	0.891	4.35	1.328	0.8408	28
30	1.25 B		10.8 E	2.80	0.487	0.420	0.188	0.138	0.832	8.86	1.13	0.8108	30
31	1.11 B		10.0 E		0.402		0.170	0.120		7.81		1.30 B	31
TOTAL	61.550	50.820	186.814	291.12	89.787	35.310	8.101	3.734	59.891	187.044	189.68	107.420	TOTAL
MEAN	1.98	1.81	6.09	9.70	2.25	1.18	0.187	0.120	2.00	6.03	6.32	3.47	MEAN
MAX	6.00	5.00	25.0	44.0	8.26	5.14	0.378	0.276	12.2	20.0	16.7	15.0	MAX
MIN	0.570	0.408	0.221	1.18	0.402	0.302	0.053	0.055	0.118	0.886	1.13	0.810	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.43
MAXIMUM DAILY, 44.0E ON APR 4
MINIMUM DAILY, 0.053 ON JUL 25

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 52 29 N
LONG 55 46 39 W
DRAINAGE AREA, 115 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 330	JUL	527
FEB	4 370	AUG	323
MAR	18 300	SEP	5 170
APR	25 200	OCT	18 200
MAY	5 030	NOV	18 400
JUN	3 080	DEC	9 280

TOTAL DISCHARGE, 103 000 dam³

SANDY BROOK AT SANDY BROOK POWERHOUSE - STATION NO. 02YD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.39	3.80	4.02	18.2	41.9	4.83	5.44	0.311	0.198	0.198	8.72	18.1	1
2	2.44	5.44	3.88	17.2	40.2	7.31	3.88	0.398	0	0	8.01	17.8	2
3	3.71	3.82	3.56	41.3	28.8	17.1	0.283	0	0.398	0	8.89	17.2	3
4	3.40	5.88	4.26	48.1	20.8	13.1	0.880	0.198	0	0.198	8.78	8.10	4
5	4.42	5.07	3.84	103	18.7	4.98	0.851	0	0.198	3.26	7.33	11.9	5
6	2.83	4.84	2.12	98.6	18.8	12.4	2.93	0.398	0	3.62	8.88	18.3	6
7	3.80	5.10	1.28	110	18.8	14.7	2.88	0	0.113	3.62	12.7	12.1	7
8	5.80	4.83	2.88	98.8	17.8	7.80	0	0.398	0	3.65	8.77	18.9	8
9	4.42	5.72	3.88	82.8	14.4	11.3	0.255	0	0.170	3.61	10.3	8.88	9
10	3.81	5.31	3.08	82.8	10.3	10.1	0.851	0.425	0	3.23	5.72	18.1	10
11	3.78	5.46	2.48	78.5	16.1	7.85	0	0	1.30	3.34	9.15	18.0	11
12	4.87	5.46	2.15	58.6	17.8	5.71	0	0.198	0	2.44	8.81	17.8	12
13	4.83	5.98	2.78	38.8	18.8	8.44	0.595	0	0.198	2.86	17.4	17.8	13
14	4.18	7.14	1.88	32.0	12.0	10.7	0.510	0.198	1.81	2.18	10.6	18.5	14
15	4.11	5.48	1.78	31.7	12.0	5.61	0	0	0	2.97	13.3	18.2	15
16	4.47	12.1	2.52	53.2	11.3	9.81	1.81	0	0.934	1.36	6.31	18.2	16
17	4.84	8.00	4.42	84.8	12.0	5.44	0.736	0	0	1.75	10.8	18.8	17
18	3.43	8.31	4.28	70.8	11.4	8.41	0.198	0.227	0.113	1.96	9.03	18.8	18
19	4.38	8.87	5.38	108	12.8	8.58	0.340	0	0.340	1.95	11.8	13.6	19
20	3.28	8.28	9.87	135	18.5	8.82	0.113	0.113	0	1.84	17.6	12.0	20
21	3.82	4.87	7.31	103	14.1	4.33	0.198	0	0.283	3.24	17.0	12.8	21
22	2.83	4.18	9.08	86.3	10.8	3.20	0.453	0.198	0	3.37	16.4	10.7	22
23	5.64	4.28	8.87	78.8	17.1	1.73	0.566	0	0.198	4.33	17.8	13.1	23
24	3.28	8.52	10.8	86.3	13.8	4.02	0.340	0.198	0	2.84	17.3	8.09	24
25	3.43	4.25	12.7	83.0	12.1	4.87	0.340	0	0.170	3.82	16.8	10.1	25
26	2.38	3.88	15.0	39.1	13.7	2.84	0.340	0.227	0	2.65	16.8	8.78	26
27	3.61	5.15	16.4	27.7	8.10	4.05	0.198	0	0.198	3.61	16.7	7.85	27
28	4.30	4.53	16.1	25.0	10.1	2.84	0.227	0.198	0	3.65	27.7	8.88	28
29	3.77		18.1	20.8	11.4	2.29	0.255	0	0.198	3.88	15.8	8.82	29
30	3.30		17.7	21.8	7.80	0	0.255	0.198	0	3.61	16.7	2.48	30
31	4.45		19.8		8.88		0	0		4.73		10.4	31
TOTAL	121.78	155.23	225 16	1 910.6	493.88	211.88	24.124	3.821	8.817	81.588	377.07	408 11	TOTAL
MEAN	3.93	5.54	7.26	63.7	15.9	7.05	0.778	0.123	0.221	2.63	12.6	13.1	MEAN
MAX	8.80	12.1	19.8	135	41.9	17.1	5.44	0.425	1.81	4.73	27.7	18.2	MAX
MIN	2.38	3.80	1.28	17.2	5.88	0	0	0	0	0	8.72	2.28	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.8
MAXIMUM DAILY, 135 ON APR 20
MINIMUM DAILY, 0 ON JUN 30

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 48 53 18 N
LONG 55 48 14 W
DRAINAGE AREA, 908 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	10 500	JUL	2 080
FEB	13 400	AUG	330
MAR	18 500	SEP	572
APR	165 000	OCT	7 050
MAY	42 700	NOV	32 600
JUN	18 300	DEC	35 100

TOTAL DISCHARGE, 347 000 dam³

DATA CONTRIBUTED BY -
NEWFOUNDLAND LIGHT AND POWER COMPANY LIMITED

REGULATED

SEAL COVE BROOK NEAR CAPPAHAYDEN - STATION NO. 02ZM003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.09 B	1.80 B	0.8008	4.73	5.52	1.10	0.763	0.230	0.194	0.948	2.90	1.23	1
2	1.04 B	4.57	0.8508	5.34	5.88	1.11	0.678	0.230	0.192	2.57	3.02	2.14	2
3	1.28	7.18	0.8108	15.0	4.75	1.11	0.580	0.259	0.334	2.16	2.34	3.81	3
4	1.90	6.97	0.7758	28.0 E	4.08	1.08	0.496	0.301	0.224	3.45	1.97	3.88	4
5	2.72	5.14	0.7458	31.0	3.56	1.04	0.529	0.281	0.194	2.86	1.74	4.05	5
6	2.03	3.16	0.7208	14.8	3.17	0.993	0.882	0.266	0.188	2.11	2.62	10.8	6
7	1.47	2.20	0.8808	10.7	2.83	0.880	0.818	0.280	0.193	1.89	3.40	7.90	7
8	1.80	1.80 B	0.8858	10.2	3.70	1.00	0.880	0.263	0.204	1.33	2.90	8.81	8
9	3.11	1.55 B	0.8408	13.5	4.87	1.17	0.783	0.233	0.218	2.86	2.84	3.73	9
10	2.58	1.37 B	0.8208	15.0	12.4	1.17	0.880	0.200	0.238	3.39	2.38	2.80	10
11	1.90	1.90 B	0.8008	11.1	15.5	1.11	0.802	0.188	0.247	2.80	2.13	2.83	11
12	2.58	2.42	0.8508	8.18	11.4	1.05	0.817	0.182	0.237	1.78	4.30	2.15	12
13	5.46	1.87	0.8508	8.77	7.84	1.17	0.660	0.182	0.189	1.68	11.9	8.86	13
14	2.85	1.52 B	0.8458	5.80	5.28	5.84	0.614	0.139	0.183	1.32	7.38	5.04	14
15	2.82	1.32 B	0.8258	4.89	3.41	5.15	0.605	0.124	0.287	1.13	5.35	3.98	15
16	2.06	1.17 B	1.13	5.59	2.82	4.42	0.604	0.116	1.05	0.989	3.85	3.29	16
17	1.64	1.03 B	2.39	6.11	2.86	3.76	0.612	0.125	0.958	0.879	2.79	2.59	17
18	1.33	0.8608	4.24	5.37	3.00	3.33	0.588	0.130	0.877	0.786	2.28	2.50	18
19	1.18	0.8608	7.85	5.22	2.84	3.02	0.526	0.120	0.882	0.679	2.77	2.27	19
20	1.03 B	0.8208	14.7	7.82	2.13	2.64	0.503	0.137	0.886	0.632	3.23	2.078	20
21	0.9268	0.7708	17.8	8.74	1.74	2.11	0.278	0.126	0.478	0.584	2.76	1.898	21
22	0.8608	0.7208	15.2	8.58	1.71	1.86	0.231	0.125	0.426	0.582	2.62	1.718	22
23	0.7908	0.8758	10.6	8.68	1.87	1.88	0.221	0.118	0.402	1.23	3.41	1.598	23
24	5.81	0.8408	7.32	4.87	1.54	1.30	0.193	0.300	0.358	1.34	2.17	1.488	24
25	8.84	0.9008	5.18	5.05	1.62	0.714	0.183	0.358	0.340	1.12	2.77	1.388	25
26	6.08	0.9308	5.78	5.17	1.47	0.883	0.224	0.327	0.331	1.61	2.38	1.288	26
27	4.15	1.08 B	4.82	4.30	1.40	0.800	0.235	0.301	0.327	2.56	1.82	1.208	27
28	3.34	0.8908	4.18	3.84	1.33	0.887	0.261	0.277	0.392	2.08	1.65	1.148	28
29	2.60 B		5.05	3.14	1.28	0.884	0.248	0.249	0.388	1.63	1.47	1.10	29
30	2.30 B		5.85	2.85	1.25	0.778	0.238	0.223	0.383	1.88	1.32	1.13	30
31	1.85 B		5.50		1.14		0.234	0.208		2.35		1.22	31
TOTAL	81.945	56.085	130 835	263 81	123 89	82.880	13.894	5.534	11 136	52.389	95 82	92 88	TOTAL
MEAN	2.84	3.00	4.22	8 48	4 00	1 78	0 448	0 210	0.371	1 88	3.19	3.00	MEAN
MAX	8 84	7 18	17 8	28 0	15 5	5 84	0.818	0 358	1 08	3 45	11 8	10.8	MAX
MIN	0 780	0 840	0.535	2 85	1 14	0.887	0 183	0.118	0 183	0.582	1.32	1.10	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.88
MAXIMUM DAILY, 28.0E ON APR 4
MINIMUM DAILY, 0.118 ON AUG 18
MAXIMUM INSTANTANEOUS,
29.7E AT 08:50 NST ON APR 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 50 50 N
LONG 52 58 27 W
DRAINAGE AREA, 83.5 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 080	JUL	1 200
FEB	4 840	AUG	884
MAR	11 300	SEP	882
APR	21 900	OCT	4 530
MAY	10 700	NOV	8 260
JUN	4 550	DEC	8 020

TOTAL DISCHARGE 83 900 dam³

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

REMARKS - THE "E" FOR DISCHARGES ABOVE 27.4 m³/s IS DUE TO STAGE DISCHARGE CURVE EXTENSION

SHEARSTOWN BROOK AT SHEARSTOWN - STATION NO. 02ZL004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.270E	1.35 B	0.300E	2.01	1.85	0.218	0.132	0.088	0.048	0.306	1.80	0.388	1
2	0.260E	2.30 B	0.350E	2.70	1.01	0.355	0.119	0.095	0.058	0.419	1.48	0.835	2
3	0.238E	4.00 B	0.220E	4.42	0.898	0.280	0.108	0.088	0.058	0.351	0.988	0.779	3
4	0.238E	3.13 B	0.195E	4.48	0.584	0.251	0.102	0.084	0.058	0.488	0.836	0.754	4
5	0.268E	1.15 B	0.170E	3.16	0.511	0.227	0.143	0.080	0.052	0.500	0.816	0.892	5
6	0.270E	0.600E	0.182E	2.85	0.414	0.206	0.239	0.076	0.088	0.474	1.29	3.14	6
7	0.318E	0.800E	0.140E	2.20	0.378	0.185	0.227	0.087	0.081	0.365	1.84	2.08	7
8	0.402E	0.800E	0.128E	2.15	0.368	0.206	0.183	0.086	0.088	0.333	1.08	1.29	8
9	0.358E	0.420E	0.118E	3.83	0.822	0.249	0.163	0.068	0.082	0.737	0.814	0.858	9
10	0.300E	0.360E	0.108E	3.35	2.03	0.284	0.151	0.068	0.088	0.782	0.857	0.765	10
11	0.258E	0.620E	0.100E	2.18	3.05	0.297	0.131	0.068	0.078	0.548	0.744	0.858	11
12	0.400E	0.580E	0.091E	1.48	1.83	0.273	0.112	0.064	0.072	0.441	1.27	0.670	12
13	0.610E	0.430E	0.087E	1.14	0.984	0.322	0.102	0.064	0.067	0.358	4.28	1.24	13
14	0.510E	0.380E	0.082E	0.948	0.723	0.467	0.092	0.064	0.059	0.321	2.38	1.87	14
15	0.448E	0.315E	0.078E	1.67	0.898	0.407	0.085	0.063	0.065	0.283	1.58	1.55	15
16	0.380E	0.275E	0.130E	3.11	0.618	0.414	0.087	0.063	0.081	0.249	1.18	1.05	16
17	0.348E	0.248E	0.240E	1.78	0.887	0.324	0.085	0.064	0.081	0.231	0.863	0.818	17
18	0.305E	0.220E	0.480E	1.24	0.884	0.281	0.081	0.039	0.285	0.213	0.788	0.6708	18
19	0.270E	0.200E	2.00 B	1.18	0.831	0.222	0.078	0.043	0.849	0.187	1.01	0.5808	19
20	0.248E	0.180E	8.83	1.10	0.812	0.204	0.071	0.041	0.510	0.201	0.932	0.5108	20
21	0.225E	0.180E	8.88	0.882	0.458	0.181	0.080	0.048	0.357	0.189	0.793	0.4608	21
22	0.208E	0.180E	5.21	0.835	0.398	0.183	0.083	0.041	0.273	1.08	0.825	0.4158	22
23	0.190E	0.140E	3.28	0.704	0.388	0.183	0.083	0.041	0.217	2.71	0.878	0.3858	23
24	0.940E	0.240E	2.15	0.812	0.384	0.141	0.081	0.170	0.200	1.28	0.718	0.3528	24
25	5.20 B	0.380E	1.82	0.738	0.380	0.141	0.087	0.158	0.188	0.788	0.821	0.3308	25
26	3.00 B	0.600E	1.53	0.882	0.318	0.145	0.085	0.111	0.213	1.42	0.806	0.3158	26
27	2.20 B	0.480E	1.88	0.857	0.288	0.135	0.104	0.080	0.302	2.12	0.522	0.3008	27
28	1.60 B	0.400E	2.38	0.498	0.282	0.128	0.140	0.078	0.482	1.18	0.457	0.2858	28
29	1.18 B		2.87	0.448	0.241	0.119	0.123	0.080	0.388	0.817	0.418	0.2758	29
30	0.980E		2.03	0.877	0.222	0.121	0.102	0.058	0.328	1.33	0.380	0.3108	30
31	0.825E		1.88		0.217		0.084	0.052		1.24		0.3608	31
TOTAL	23.283	15.495	42.920	84.170	22.250	8.888	3.381	2.084	5.742	21.887	32.914	24.884	TOTAL
MEAN	0.751	0.885	1.38	1.81	0.718	0.232	0.109	0.067	0.181	0.705	1.10	0.788	MEAN
MAX	5.20	4.00	8.83	4.48	3.05	0.487	0.239	0.170	0.849	2.71	4.28	3.14	MAX
MIN	0.180	0.140	0.078	0.448	0.217	0.118	0.081	0.039	0.048	0.189	0.380	0.275	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.712
MAXIMUM DAILY, 8.83 ON MAR 20
MINIMUM DAILY, 0.038 ON AUG 18
MAXIMUM INSTANTANEOUS,
7.12 AT 08:25 NST ON MAR 20

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 35 02 N
LONG 53 18 28 W
DRAINAGE AREA, 28.5 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 010	JUL	292
FEB	1 680	AUG	178
MAR	3 710	SEP	498
APR	4 880	OCT	1 890
MAY	1 920	NOV	2 840
JUN	802	DEC	2 130

TOTAL DISCHARGE, 22 400 dam³

SHEFFIELD BROOK NEAR TRANS CANADA HIGHWAY - STATION NO. 02YK005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.408	1.488	2.408	7.008	40.7	8.82	3.10	0.880	0.892	1.88	9.24	15.2	1
2	3.208	1.418	2.288	9.89	38.8	8.38	2.84	1.07	0.725	1.85	9.32	15.8	2
3	2.988	1.388	2.048	15.8	35.9	8.05	2.70	0.853	0.718	1.84	9.18	15.8	3
4	2.858	1.328	1.958	26.1	33.1	5.71	2.82	0.832	0.885	5.73	8.81	14.7	4
5	2.788	1.288	1.838	36.1	30.2	5.43	2.45	0.882	0.888	7.78	8.22	13.8	5
6	2.708	1.268	1.708	41.2	28.8	5.18	2.35	0.748	0.859	7.88	10.8	14.5	6
7	2.638	1.238	1.598	45.1	28.2	5.05	2.21	0.702	0.889	7.78	11.8	14.2	7
8	2.638	1.088	1.488	46.3	28.0	4.78	2.13	0.887	2.08	7.78	10.6	13.2	8
9	2.448	1.088	1.418	44.7	28.7	4.63	2.08	0.883	2.11	7.70	10.3	12.1	9
10	2.398	1.008	1.338	43.0	26.3	4.38	1.97	0.850	1.82	7.34	9.81	11.2	10
11	2.348	4.008	1.288	40.1	24.8	4.18	1.88	0.883	1.48	8.98	8.41	10.3	11
12	2.558	3.888	1.208	38.6	23.8	3.94	1.80	0.877	1.43	8.87	8.05	9.82	12
13	3.208	3.308	1.188	32.8	22.8	4.08	1.78	0.882	1.42	8.25	10.7	10.8	13
14	2.988	3.008	1.108	28.0	21.8	4.18	1.71	0.880	1.38	8.83	10.8	9.88	14
15	2.838	2.788	1.088	27.7	18.1	4.00	1.87	0.842	1.87	8.45	10.5	9.21	15
16	2.708	2.558	1.508	28.1	16.2	4.01	1.81	0.847	1.83	8.04	9.92	8.71	16
17	2.558	2.408	2.208	28.8	16.9	4.08	1.84	0.834	1.89	4.85	9.28	8.24	17
18	2.458	2.208	2.308	31.0	16.8	4.03	1.44	0.848	2.11	4.39	8.88	7.84	18
19	2.348	2.058	5.408	84.9	17.3	3.88	1.38	0.881	2.12	4.30	10.8	7.44	19
20	2.258	1.838	7.808	73.4	18.8	3.71	1.31	0.878	2.13	4.32	10.8	8.84	20
21	2.188	1.838	8.008	88.8	14.8	3.82	1.17	0.738	2.08	4.48	14.3	8.48	21
22	2.118	1.788	8.008	118	13.4	3.84	1.13	1.02	2.08	5.48	38.2	8.108	22
23	3.018	1.888	7.108	113	12.4	3.38	1.08	0.888	2.05	5.88	38.1	8.888	23
24	1.888	1.808	6.808	88.8	11.4	3.28	0.998	0.841	1.87	5.84	38.1	8.788	24
25	1.488	3.328	5.808	83.8	10.8	3.10	0.888	0.885	1.84	5.55	34.2	8.578	25
26	1.828	3.088	5.408	70.4	9.82	2.88	0.947	0.847	1.87	8.82	30.8	8.358	26
27	1.748	2.828	5.028	58.8	8.14	2.77	1.02	0.818	1.82	7.33	28.7	8.208	27
28	1.688	2.828	4.838	50.4	8.42	2.88	0.972	0.783	1.88	6.70	33.2	8.008	28
29	1.628		5.008	43.1	7.80	2.77	0.852	0.788	1.88	8.58	30.3	4.858	29
30	1.588		5.408	40.2	7.37	2.88	0.821	0.782	1.87	8.38	18.0	4.708	30
31	1.628		5.808		6.84		0.800	0.718		8.28		4.888	31
TOTAL	74.38	58.87	111.88	1 483.08	828.38	134.87	61.088	23.888	47.857	184.84	478.88	288.18	TOTAL
MEAN	2.40	2.14	3.80	48.8	20.3	4.18	1.88	0.781	1.87	5.87	18.0	9.33	MEAN
MAX	3.40	4.00	8.00	118	40.7	8.82	3.10	1.07	2.13	8.38	38.1	15.2	MAX
MIN	1.52	1.08	1.08	7.00	6.84	2.88	0.800	0.824	0.858	1.88	8.22	4.88	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.88
MAXIMUM DAILY, 118 ON APR 22
MINIMUM DAILY, 0.824 ON AUG 17
MAXIMUM INSTANTANEOUS,
131 AT 10:88 NST ON APR 22

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 30 11 N
LONG 88 38 88 W
DRAINAGE AREA, 281 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 430	JUL	4 410
FEB	5 180	AUG	3 040
MAR	8 840	SEP	4 070
APR	138 000	OCT	18 000
MAY	84 300	NOV	41 400
JUN	10 800	DEC	25 000

TOTAL DISCHARGE, 305 000 dam³

SHOAL ARM BROOK NEAR BADGER BAY - STATION NO. 02YP001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.405B	0.350B	0.302B	3.80B	7.91	0.579	0.387	0.080	0.040	0.321	1.48	0.731	1
2	0.391B	0.500B	0.242B	5.00B	8.66	0.588	0.378	0.085	0.044	0.417	1.44	1.08	2
3	0.372B	0.720B	0.282B	8.00B	8.16	0.606	0.350	0.086	0.082	0.280	1.32	1.16	3
4	0.486B	1.10 B	0.248B	11.7 B	6.37	0.670	0.314	0.075	0.079	1.59	1.10	1.17	4
5	0.458B	1.00 B	0.230B	10.9	3.87	0.835	0.288	0.067	0.077	2.81	0.845	1.81	5
6	0.420B	0.650B	0.218B	9.18	3.81	0.582	0.248	0.047	0.104	2.81	1.81	2.22	6
7	0.390B	0.720B	0.206B	7.24	3.93	0.484	0.242	0.035	0.109	2.19	2.41	2.88	7
8	0.510B	0.830B	0.195B	5.97	3.62	0.458	0.218	0.028E	0.536	1.77	1.86	2.45	8
9	0.460B	0.580B	0.187B	5.02	2.93	0.435	0.216	0.019E	0.631	1.46	1.45	2.33	9
10	0.420B	0.470B	0.176B	5.81	2.36	0.391	0.196	0.019E	0.478	1.15	1.22	1.84	10
11	0.385B	0.620B	0.172B	5.17	2.79	0.432	0.184	0.018E	0.448	0.933	1.05	1.31	11
12	0.560B	1.66 B	0.168B	4.21	3.11	0.486	0.150	0.024E	0.449	0.772	0.874	1.11	12
13	0.500B	1.40 B	0.160B	3.26	2.49	0.525	0.184	0.018E	0.436	0.853	3.73	0.989A	13
14	0.409B	1.13 B	0.153B	2.83	1.83	0.516	0.149	0.019E	0.393	0.831	3.82	0.810E	14
15	0.360B	0.900B	0.150B	2.75	1.56	0.471	0.145	0.016E	0.427	0.590	2.84	1.02 E	15
16	0.325B	0.720B	0.200B	3.85	1.15	0.508	0.137	0.015E	0.416	0.493	2.30	1.14 E	16
17	0.295B	0.800B	0.270B	3.85	1.65	0.643	0.099	0.014E	0.378	0.401	2.18	1.03 E	17
18	0.278B	0.520B	0.437B	5.32	1.78	0.543	0.103	0.022E	0.587	0.408	1.38	0.980B	18
19	0.258B	0.450B	0.800B	14.2	1.58	0.493	0.084	0.058	1.38	0.614	1.22	0.880B	19
20	0.243B	0.385B	1.07 B	16.8	1.40	0.493	0.084	0.057	1.08	0.583	1.08	0.830B	20
21	0.232B	0.380B	2.00 B	13.4	1.18	0.509	0.081	0.055	0.897	0.478	1.28	0.770B	21
22	0.221B	0.305B	8.40 B	20.0	1.04	0.543	0.071	0.121	0.765	0.810	3.05	0.730B	22
23	0.210B	0.270B	7.30 B	13.6	0.992	0.541	0.065	0.053	0.696	1.00	3.06	0.685B	23
24	0.300B	0.240B	5.20 B	9.82	0.980	0.471	0.061	0.053	0.636	0.842	2.85	0.650B	24
25	0.500B	0.310B	5.20 B	7.85	0.856	0.446	0.054	0.048	0.582	0.763	2.14	0.610B	25
26	0.460B	0.410B	4.50 B	6.32	0.788	0.430	0.061	0.038	0.515	0.671	1.62	0.580B	26
27	0.400B	0.370B	3.90 B	5.04	0.770	0.397	0.074	0.031	0.484	1.07	1.48	0.555B	27
28	0.360B	0.330B	4.20 B	3.84	0.713	0.381	0.077	0.040	0.436	1.02	1.06	0.530B	28
29	0.330B		4.70 B	3.24	0.627	0.406	0.065	0.048	0.393	1.01	0.870	0.510B	29
30	0.300B		4.30 B	5.19	0.570	0.390	0.057	0.036	0.342	1.46	0.735	0.490B	30
31	0.270B		3.90 B		0.555		0.057	0.035		1.58		0.478B	31
TOTAL	11.489	15.090	80.183	221.86	73.411	15.002	4.843	1.348	13.905	31.491	53.174	33.825	TOTAL
MEAN	0.371	0.646	1.94	7.40	2.37	0.500	0.156	0.043	0.464	1.01	1.77	1.09	MEAN
MAX	0.560	1.66	8.40	20.0	7.91	0.670	0.387	0.121	1.38	2.91	3.73	2.88	MAX
MIN	0.210	0.240	0.150	2.75	0.555	0.381	0.084	0.015	0.040	0.280	0.735	0.475	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.88
MAXIMUM DAILY, 20.0 ON APR 22
MINIMUM DAILY, 0.015E ON AUG 18
MAXIMUM INSTANTANEOUS
23.4 AT 01 25 NST ON APR 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 22 18 N
LONG 55 48 44 W
DRAINAGE AREA, 63.8 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	893	JUL	418
FEB	1 560	AUG	116
MAR	6 200	SEP	1 200
APR	19 200	OCT	2 720
MAY	5 340	NOV	4 590
JUN	1 300	DEC	2 920

TOTAL DISCHARGE, 46 800 dam³

SHOAL HARBOUR RIVER NEAR CLARENVILLE - STATION NO 022J003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.840B	5.50 B	0.930B	8.08	5.27	0.919	0.889	0.105	0.044E	0.478	4.73	2.08	1
2	0.790B	9.00 B	0.655B	10.3	4.68	0.887	0.798	0.090	0.186	1.08	4.34	5.45	2
3	1.06 B	13.5 B	0.780B	15.6	4.13	0.874	0.718	0.085	0.283	0.862	3.64	4.73	3
4	1.22 B	10.2 B	0.720B	17.6	3.74	0.783	0.628	0.089	0.107	1.79	3.33	4.41	4
5	1.32 B	8.30 B	0.670B	16.8	3.32	0.718	0.686	0.071	0.089	2.55	3.19	3.98	5
6	1.22 B	6.70 B	0.620B	14.8	2.88	0.678	0.821	0.067	0.074	2.23	8.52	7.45	6
7	1.10 B	5.20 B	0.580B	12.9	2.69	0.587	0.887	0.080E	0.081	2.05	6.66	6.07	7
8	1.55 B	4.20 B	0.540B	14.4	2.57	0.723	0.583	0.048E	0.405	1.94	5.18	5.21	8
9	1.93 B	4.90 B	0.505B	17.3	2.59	0.783	0.554	0.040E	0.786	1.88	4.74	4.33	9
10	1.71 B	5.40 B	0.475B	16.7	2.88	0.887	0.507	0.040E	0.385	1.80	4.52	3.46	10
11	1.50 B	4.30 B	0.450B	12.9	3.21	0.894	0.431	0.042E	0.255	1.70	4.01	3.81	11
12	1.75 B	3.50 B	0.425B	10.4	3.03	0.836	0.389	0.040E	0.193	1.42	4.38	3.37	12
13	2.05 B	3.00 B	0.400B	8.82	2.80	0.897	0.383	0.046E	0.140	1.37	7.56	3.25	13
14	1.80 B	2.65 B	0.380B	7.81	2.47	0.884	0.341	0.043E	0.100	1.25	5.63	4.04	14
15	1.61 B	2.18 B	0.360B	9.64	2.18	0.803	0.355	0.042E	0.088	1.18	4.66	4.29	15
16	1.45 B	1.85 B	0.620B	10.8	1.93	1.13	0.298	0.042E	0.204	0.871	4.27	3.61	16
17	1.30 B	1.60 B	1.75 B	9.09	3.54	1.06	0.318	0.038E	0.216	0.815	3.38	3.33	17
18	1.18 B	1.38 B	2.50 B	8.85	3.37	1.19	0.282	0.040E	0.711	0.885	3.46	3.26	18
19	1.07 B	1.21 B	14.0 B	10.7	2.74	1.06	0.255	0.384	0.868	0.862	3.34	2.72	19
20	0.980B	1.08 B	16.0 B	10.1	2.50	1.04	0.190	0.143	0.709	0.813	2.97	2.48	20
21	0.900B	0.980B	20.0 B	9.21	2.24	2.36	0.153	0.119	0.585	0.758	2.88	2.24	21
22	0.830B	0.870B	18.0 B	8.79	1.98	1.82	0.153	0.077	0.598	0.786	4.70	2.068	22
23	0.800B	0.780B	14.5 B	8.19	1.86	1.66	0.127	0.088	0.622	1.22	5.16	1.888	23
24	1.75 B	1.03 B	12.5 B	7.23	1.61	1.54	0.116	0.118	0.600	0.888	4.21	1.748	24
25	3.50 B	1.32 B	9.50 B	6.54	1.57	1.42	0.111	0.116	0.571	0.918	3.86	1.628	25
26	6.90 B	1.21 B	7.87	5.67	1.42	1.35	0.123	0.082	0.572	1.63	3.60	1.508	26
27	5.80 B	1.11 B	7.24	4.89	1.30	1.25	0.131	0.076	0.601	1.84	3.09	1.408	27
28	5.30 B	1.00 B	6.38	4.09	1.15	1.07	0.141	0.089	0.569	1.38	2.85	1.308	28
29	4.55 B		9.26	3.63	1.03	0.970	0.111	0.080E	0.517	1.49	2.61	1.228	29
30	4.00 B		8.28	4.28	0.956	0.911	0.116	0.047E	0.512	5.63	3.10	1.188	30
31	3.65 B		7.44		0.888		0.107	0.046E		4.20		1.638	31
TOTAL	65.180	104.840	189.780	305.71	78.554	31.986	11.492	2.413	11.763	48.782	125.69	88.87	TOTAL
MEAN	2.10	3.74	6.48	10.2	2.53	1.07	0.371	0.078	0.392	1.57	4.18	3.22	MEAN
MAX	6.90	13.5	20.0	17.6	5.27	2.36	0.889	0.384	0.880	5.63	7.56	7.45	MAX
MIN	0.780	0.780	0.360	3.63	0.888	0.887	0.107	0.038	0.044	0.478	2.10	1.18	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.88
MAXIMUM DAILY, 20.08 ON MAR 21
MINIMUM DAILY, 0.038E ON AUG 17
MAXIMUM INSTANTANEOUS
22.1 AT 20 36 NST ON APR 9

TYPE OF GAUGE - RECORDING
LOCATION LAT 48 12 24 N
LONG 54 02 33 W
DRAINAGE AREA 106 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 630	JUL	993
FEB	9 060	AUG	206
MAR	14 700	SEP	1 020
APR	25 400	OCT	4 210
MAY	5 790	NOV	10 900
JUN	2 760	DEC	8 810

TOTAL DISCHARGE 91 300 dam³

REMARKS - THE "E" FOR DISCHARGES BELOW 0.094 m³/s IS DUE TO STAGE DISCHARGE CURVE EXTENSION

NEWFOUNDLAND AND LABRADOR

SOUTH BROOK AT PASADENA - STATION NO 02YL004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.8508	0.2328	0.2828	2.18	5.66	0.603	0.278	0.748	0.325	0.417	3.50	0.8508	1
2	0.7708	0.2268	0.2648	4.83	3.43	0.788	0.248	1.04	0.570	2.66	1.51	1.07	2
3	0.6808	0.2188	0.2578	5.70	2.78	0.698	0.226	0.630	1.08	1.16	1.10	1.10	3
4	0.6108	0.2128	0.2428	9.15	2.86	0.633	0.246	0.347	0.858	4.23	1.06	0.906	4
5	0.5608	0.2068	0.2338	8.01	3.32	0.580	0.287	0.306	0.718	4.10	0.887	0.788	5
6	0.5008	0.2008	0.2228	5.80	4.72	0.536	0.318	0.268	0.600	1.77	5.08	1.08	6
7	0.4708	0.1958	0.2178	5.05	9.26	0.573	0.287	0.220	0.588	1.03	3.29	1.22	7
8	0.4708	0.1928	0.2068	3.62	7.62	0.883	0.271	0.187	1.48	0.602	1.62	0.8908	8
9	0.5708	0.1928	0.1998	3.39	4.86	0.471	0.302	0.167	1.82	0.695	1.33	0.8508	9
10	0.5008	0.1888	0.1958	3.36	4.41	0.501	0.182	0.185	1.08	0.840	1.11	0.7208	10
11	0.4308	0.4288	0.1858	3.76	5.29	0.513	0.173	0.191	0.815	0.812	1.01	0.8308	11
12	0.4888	0.3958	0.1788	1.88	3.70	0.440	0.186	0.140	0.843	0.724	0.970	0.8008	12
13	0.7708	0.3758	0.1738	1.57	4.05	0.528	0.220	0.141	0.498	0.635	1.57	0.8808	13
14	0.7008	0.3558	0.2068	1.49	2.87	0.458	0.191	0.131	0.436	0.553	1.31	0.8508	14
15	0.6308	0.3408	0.2508	2.91	3.06	0.441	0.189	0.120	0.491	0.503	1.18	0.8258	15
16	0.5808	0.3238	0.2228	4.08	4.28	0.613	0.193	0.121	0.567	0.470	1.04	0.4908	16
17	0.5208	0.3108	0.2808	3.20	4.08	0.484	0.183	0.130	0.481	0.844	1.20	0.4758	17
18	0.4808	0.2968	0.2828	8.83	2.86	0.417	0.162	0.182	0.389	0.723	8.34	0.4858	18
19	0.4558	0.2858	0.5008	32.3	2.04	0.358	0.191	0.858	0.413	0.887	3.08	0.4208	19
20	0.4218	0.2748	1.30 E	14.6	1.80	0.348	0.178	0.430	0.388				20
21	0.3868	0.2678	18.3	18.3	1.40	0.307	0.177	0.248	0.381	0.850	10.7	0.4058	21
22	0.3718	0.2588	18.1	25.4	1.84	0.286	0.181	0.450	0.393	3.11	32.8	0.3908	22
23	0.3458	0.2478	8.82	7.14	2.23	0.258	0.154	0.394	0.382	3.81	4.70	0.3808	23
24	0.3268	0.3008	5.63	5.85	1.44	0.224	0.139	0.483	0.348	1.39	2.45	0.3858	24
25	0.3078	0.3708	4.81	5.44	1.20	0.238	0.182	0.417	0.333	1.04	1.70 E	0.3858	25
26	0.2958	0.3408	3.81	4.01	1.08	0.188	0.202	0.445	0.470	1.18	1.35 E	0.3458	26
27	0.2808	0.3208	8.00	2.85	0.978	0.188	0.262	0.685	0.884	1.37	1.02 E	0.3368	27
28	0.2658	0.3008	6.87	2.30	0.904	0.174	0.248	0.431	0.709	0.893	0.8508	0.3308	28
29	0.2588		6.18	2.29	0.871	0.208	0.178	0.337	0.581	5.45	0.7408	0.3218	29
30	0.2488		3.84	4.78	0.838	0.266	0.120	0.267	0.503	11.8	0.8508	0.3128	30
31	0.2408		1.88		0.807		0.182	0.256		2.44		0.3068	31
TOTAL	14.869	7.831	89.489	204.82	95.638	13.086	6.397	10.522	16.351	55.318	97.997	18.678	TOTAL
MEAN	0.480	0.280	2.88	6.82	3.09	0.437	0.206	0.339	0.612	1.78	3.27	0.599	MEAN
MAX	0.850	0.428	18.3	32.3	9.26	0.803	0.314	1.04	1.82	11.8	32.8	1.22	MAX
MIN	0.240	0.180	0.173	1.48	0.807	0.174	0.120	0.120	0.228	0.417	0.880	0.308	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.73
MAXIMUM DAILY, 32.8 ON NOV 23
MINIMUM DAILY, 0.120 ON JUL 30
MAXIMUM INSTANTANEOUS,
84.8E AT 03:48 NST ON NOV 23

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 00 43 N
LONG 57 38 47 W
DRAINAGE AREA, 98.5 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 280	JUL	553
FEB	677	AUG	909
MAR	7 730	SEP	1 590
APR	17 700	OCT	4 780
MAY	8 280	NOV	8 470
JUN	1 130	DEC	1 610

TOTAL DISCHARGE, 54 700 dam³

SOUTH BROOK AT PEARL TOWN ROAD - STATION NO 02ZM031

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.0678	0.1408	0.1328	0.078	2.18	0.113	0.037	0.032	0.016	0.184	0.333	0.355	1
2	0.0818	1.40 E	0.1288	1.87	0.811	0.125	0.034	0.038	0.048	0.198	0.334	1.51	2
3	0.0768	1.10 E	0.1188	4.94	0.571	0.116	0.032	0.112	0.047	0.134	0.231	0.893	3
4	0.3308	0.7508	0.1138	4.40	0.511	0.108	0.028	0.104	0.038	0.168	0.225	0.489	4
5	0.2108	0.5508	0.1068	2.67	0.432	0.107	0.153	0.072	0.034	0.142	0.191	0.910	5
6	0.1608	0.4508	0.1028	1.98	0.388	0.097	0.388	0.057	0.038	0.112	0.410	1.85	6
7	0.1338	0.3708	0.0948	1.54	0.327	0.090	0.183	0.047	0.034	0.097	0.404	0.836	7
8	0.2308	0.3108	0.0948	2.46	0.348	0.102	0.102	0.039	0.035	0.096	0.285	0.451	8
9	0.4008	0.2708	0.0908	3.32	0.384	0.106	0.078	0.032	0.044	0.181	0.249	0.302	9
10	0.2608	0.2308	0.0888	2.20	1.40	0.108	0.089	0.029	0.034	0.132	0.253	0.253	10
11	0.2008	0.4208	0.0828	1.12	1.48	0.086	0.080	0.024	0.034	0.108	0.212	0.223	11
12	0.3058	0.3908	0.0788	0.743	0.896	0.082	0.065	0.026	0.033	0.091	0.671	0.247	12
13	0.845	0.3308	0.0788	0.837	0.393	0.084	0.041	0.031	0.026	0.081	1.37	0.583	13
14	0.384	0.2858	0.0728	0.588	0.308	0.086	0.037	0.031	0.022	0.082	0.808	0.982	14
15	0.287	0.2558	0.0708	0.615	0.259	0.085	0.038	0.035	0.065	0.078	0.438	0.885	15
16	0.218	0.2338	0.0008	1.30	0.241	0.083	0.035	0.028	0.094	0.078	0.339	0.389	16
17	0.1738	0.2108	1.45 E	0.928	0.494	0.071	0.035	0.030	0.081	0.084	0.252	0.270	17
18	0.1608	0.1908	1.80 E	1.44	0.452	0.084	0.034	0.035	0.097	0.082	0.226	0.2208	18
19	0.1408	0.1758	2.80 E	3.06	0.287	0.088	0.030	0.034	0.118	0.058	0.290	0.1908	19
20	0.1268	0.1628	3.42 E	1.85	0.228	0.082	0.028	0.033	0.088	0.089	0.248	0.1718	20
21	0.1168	0.1488	3.70 E	1.38	0.218	0.083	0.028	0.033	0.088	0.083	0.228	0.1548	21
22	0.1108	0.1378	3.46	1.09	0.193	0.080	0.022	0.035	0.085	0.132	0.808	0.1478	22
23	0.1008	0.1288	1.98	0.848	0.188	0.068	0.021	0.027	0.083	0.276	0.761	0.1388	23
24	0.1808	0.1188	1.48	0.774	0.182	0.064	0.024	0.082	0.047	0.158	0.417	0.1298	24
25	0.5808	0.1388	0.893	1.25	0.188	0.047	0.027	0.040	0.048	0.188	0.305	0.1228	25
26	0.4708	0.1838	0.780	0.771	0.138	0.083	0.029	0.033	0.081	0.382	0.287	0.1188	26
27	0.3858	0.1588	0.730	0.678	0.128	0.040	0.035	0.028	0.107	0.341	0.231	0.1148	27
28	0.2758	0.1488	0.818	0.446	0.127	0.034	0.037	0.034	0.134	0.210	0.188	0.1118	28
29	0.2208		1.37	0.382	0.162	0.035	0.028	0.035	0.084	0.183	0.188	0.1108	29
30	0.1898		1.15	1.73	0.140	0.034	0.024	0.034	0.080	0.183	0.148	0.1268	30
31	0.1628		0.891		0.123		0.038	0.033		0.145		0.1408	31
TOTAL	7.308	8.363	37.338	48.487	13.848	2.388	1.743	1.187	1.788	4.388	10.888	12.886	TOTAL
MEAN	0.236	0.334	0.882	1.62	0.447	0.078	0.088	0.038	0.088	0.142	0.388	0.418	MEAN
MAX	0.845	1.40	3.42	4.94	2.18	0.128	0.388	0.112	0.134	0.382	1.37	1.85	MAX
MIN	0.078	0.118	0.070	0.382	0.123	0.034	0.021	0.023	0.015	0.088	0.148	0.110	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.387
MAXIMUM DAILY, 4.94 ON APR 3
MINIMUM DAILY, 0.015 ON SEP 1
MAXIMUM INSTANTANEOUS
5.94 AT 17:27 NST ON APR 3

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 30 24 N
LONG 53 46 24 W
DRAINAGE AREA, 9.31 km²

B ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	631	JUL	181
FEB	808	AUG	103
MAR	2 350	SEP	152
APR	4 190	OCT	379
MAY	1 200	NOV	921
JUN	198	DEC	1 130

TOTAL DISCHARGE, 12 200 dam³

SOUTH RIVER NEAR HOLYROOD - STATION NO. 02ZH016

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.2908	0.276E	0.1808	1.34	3.37	0.203	0.078	0.108E	0.088	0.288	0.597	0.425	1
2	0.2858	2.70 E	0.1898	2.48	1.83	0.203	0.074	0.122E	0.108	0.480	0.851	0.856	2
3	0.2508	2.10 E	0.1808	5.95	1.33	0.188	0.068	0.143E	0.101	0.480	0.582	0.887	3
4	0.3208	1.80 E	0.1818	7.07	1.03	0.168	0.058	0.126E	0.080	0.521	0.562	0.894	4
5	0.384	1.27 E	0.1448	4.40	0.836	0.187	0.083	0.113E	0.090	0.823	0.534	1.06	5
6	0.3258	1.00 E	0.1398	3.25	0.676	0.181	0.189	0.101E	0.087	0.814	0.821	2.84	6
7	0.2858	0.820E	0.1328	2.47	0.589	0.188	0.208	0.093E	0.082	0.521	0.773	1.86	7
8	0.427	0.670E	0.1288	3.10	0.535	0.178	0.198	0.084E	0.085	0.484	0.748	1.38	8
9	0.661	0.460E	0.1238	4.24	0.807	0.183	0.182	0.078E	0.091	0.612	0.892	0.937	9
10	0.608	0.400E	0.1198	3.51	1.53	0.186	0.184	0.072E	0.089	0.708	0.678	0.723	10
11	0.4458	0.780E	0.1158	2.14	2.79	0.181	0.133	0.088E	0.083	0.619	0.881	0.824	11
12	0.6158	0.640E	0.1118	1.41	1.99	0.164	0.108	0.076E	0.078	0.520	0.886	0.886	12
13	0.830	0.520E	0.1088	1.08	1.31	0.209	0.104	0.084E	0.071	0.456	2.05	0.872	13
14	0.702	0.460E	0.1048	0.857	0.901	0.295	0.103	0.076E	0.083	0.421	1.49	0.844	14
15	0.535	0.400E	0.1028	0.854	0.643	0.313	0.105	0.072E	0.111	0.390	1.11	0.780	15
16	0.455	0.355E	0.2008	1.82	0.516	0.297	0.094	0.068E	0.201	0.358	0.916	0.706	16
17	0.3708	0.310E	0.880	1.55	0.526	0.248	0.080	0.064A	0.209	0.324	0.710	0.8408	17
18	0.3208	0.260E	0.868	1.42	0.847	0.207	0.083	0.068	0.249	0.317	0.618	0.8758	18
19	0.2758	0.248E	3.02	2.30	0.491	0.174	0.081	0.083	0.713	0.308	0.629	0.8258	19
20	0.2488	0.2208	5.12	2.55	0.416	0.180	0.083	0.082	0.878	0.307	0.869	0.4808	20
21	0.2258	0.1958	4.67	3.08	0.375	0.168	0.080	0.081	0.545	0.289	0.835	0.4458	21
22	0.2008	0.1758	3.26	2.14	0.348	0.128	0.037	0.080	0.444	0.277	0.828	0.4158	22
23	0.1808	0.1608	2.00	1.72	0.337	0.127	0.038	0.080	0.378	0.788	0.881	0.3868	23
24	0.5008	0.1478	1.32	1.34	0.317	0.126	0.038	0.140	0.328	0.701	0.840	0.3858	24
25	1.58	0.3008	1.08	1.08	0.308	0.113	0.044	0.134	0.288	0.580	0.881	0.3628	25
26	1.00 A	0.2858	0.903	1.52	0.278	0.102	0.058	0.118	0.318	0.881	0.578	0.3258	26
27	0.770E	0.2958	0.831	1.17	0.261	0.089	0.126	0.111	0.380	0.881	0.828	0.3098	27
28	0.580E	0.1818	1.20	0.914	0.230	0.082	0.178A	0.112	0.389	0.630	0.487	0.2958	28
29	0.470E		1.83	0.703	0.224	0.088	0.188E	0.111	0.381	0.585	0.447	0.2828	29
30	0.370E		1.62	1.14	0.214	0.076	0.147E	0.106	0.366	0.537	0.408	0.2708	30
31	0.318E		1.37		0.208		0.128E	0.085		0.548		0.3208	31
TOTAL	14.811	17.174	32.084	89.387	24.504	5.209	3.147	2.854	7.277	15.688	21.774	21.832	TOTAL
MEAN	0.478	0.613	1.03	2.31	0.790	0.174	0.102	0.092	0.243	0.506	0.726	0.686	MEAN
MAX	1.58	2.70	5.12	7.07	2.79	0.313	0.208	0.143	0.713	0.789	2.05	2.84	MAX
MIN	0.180	0.147	0.102	0.703	0.208	0.076	0.035	0.068	0.083	0.289	0.408	0.270	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0.845
MAXIMUM DAILY 7.07 ON APR 4
MINIMUM DAILY 0.035 ON JUL 23
MAXIMUM INSTANTANEOUS
9.05 AT 17:42 NST ON APR 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 31 41 N
LONG 53 07 02 W
DRAINAGE AREA 17.3 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 280	JUL	272
FEB	1 480	AUG	247
MAR	2 770	SEP	628
APR	5 890	OCT	1 360
MAY	2 120	NOV	1 880
JUN	480	DEC	1 870

TOTAL DISCHARGE 20 300 dam³

SOUTH WEST BROOK NEAR BAIE VERTE - STATION NO. 02YH003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.2508	0.1288	0.3258	4.308	15.5	0.635	0.218	0.036	0.002E	0.207	1.37	1.38	1
2	0.2308	0.1268	0.3138	5.408	12.6	0.787	0.195	0.041	0.012E	0.332	1.22	2.45	2
3	0.2108	0.1228	0.3008	9.408	9.49	0.778	0.170	0.035	0.036	0.313	1.07	2.84	3
4	0.1958	0.1188	0.2858	15.0 B	8.43	0.787	0.143	0.027	0.026	0.457	0.982	2.15	4
5	0.1828	0.1158	0.2708	25.6 B	8.06	0.713	0.130	0.050	0.027	1.26	0.869	1.76	5
6	0.1718	0.1128	0.2568	25.5	9.87	0.488	0.123	0.024	0.025	1.43	1.96	4.12	6
7	0.1608	0.1108	0.2428	20.0	12.1	0.410	0.100	0.015	0.025	1.08	4.09	4.55	7
8	0.1528	0.1068	0.2318	14.5	12.4	0.477	0.087	0.012E	0.181	0.852	2.86	3.09	8
9	0.1438	0.1078	0.2218	11.5	9.53	0.383	0.089	0.010E	0.291	0.727	2.07	1.95 B	9
10	0.1368	0.1048	0.2128	13.4	8.89	0.342	0.080	0.010E	0.387	0.604	1.82	1.84 B	10
11	0.1308	0.2708	0.2058	13.0	7.13	0.380	0.037	0.008E	0.273	0.534	1.37	1.80 B	11
12	0.2458	0.2528	0.2028	8.80	8.41	0.585	0.031	0.008E	0.217	0.483	1.18	1.37 B	12
13	0.3908	0.2368	0.1908	7.78	8.00	0.598	0.026	0.007E	0.172	0.446	2.15	1.27 B	13
14	0.3408	0.2228	0.1808	6.48	6.13	0.517	0.026	0.011E	0.134	0.424	2.86	1.16 B	14
15	0.3008	0.2088	0.1738	5.08	5.36	0.420	0.024	0.007E	0.132	0.402	2.31	1.11 B	15
16	0.2608	0.1978	0.1658	4.78	5.34	0.503	0.025	0.007E	0.144	0.381	1.86	1.03 B	16
17	0.2608	0.1878	0.1608	4.57	7.15	0.810	0.021	0.008E	0.185	0.318	1.49	0.9908	17
18	0.2458	0.1788	0.1758	7.08	5.28	0.722	0.014	0.008E	0.820	0.284	1.81	0.9408	18
19	0.2268	0.1608	0.2208	23.4	3.86	0.540	0.010	0.005E	1.11	0.307	2.08	0.8908	19
20	0.2178	0.1528	0.3008	35.2	2.75	0.541	0.008	0.004E	0.928	0.303	3.34	0.8508	20
21	0.1978	0.1528	0.5608	31.3	2.12	0.536	0.010	0.008E	0.647	0.318	3.74	0.8108	21
22	0.1888	0.1478	3.00 B	50.0	1.76	0.653	0.011	0.033	0.478	0.817	17.8	0.7808	22
23	0.1788	0.1388	2.60 B	30.7	1.63	0.478	0.011	0.018	0.372	1.17	11.6	0.7608	23
24	0.1718	0.1318	2.30 B	18.8	1.43	0.377	0.010	0.017	0.306	1.30	8.46	0.7208	24
25	0.1628	0.2408	3.02 B	15.4	1.16	0.338	0.021	0.0102	0.269	1.06	6.27	0.6908	25
26	0.1558	0.4008	1.83 B	11.7	1.03	0.332	0.033	0.007E	0.245	1.28	3.13	0.6608	26
27	0.1508	0.3708	1.62 B	8.24	0.832	0.278	0.073	0.005E	0.231	1.83	2.10 B	0.6408	27
28	0.1438	0.3458	1.72 B	6.08	0.787	0.236	0.080	0.004E	0.227	1.56	1.80 B	0.6188	28
29	0.1388		1.82 B	5.30	0.676	0.248	0.068	0.005E	0.218	1.28	1.18 B	0.5988	28
30	0.1358		3.30 B	7.38	0.689	0.241	0.060	0.004E	0.213	1.86	0.8708	0.5708	30
31	0.1318		2.80 B		0.529		0.032	0.003E		1.83		0.5808	31
TOTAL	5.206	5.150	27.413	448.82	188.835	15.186	1.906	0.462	8.093	24.656	89.771	44.440	TOTAL
MEAN	0.200	0.184	0.884	15.0	6.36	0.506	0.062	0.014	0.270	0.795	2.99	1.43	MEAN
MAX	0.390	0.400	3.00	50.0	15.5	0.810	0.218	0.050	1.11	1.82	17.8	4.55	MAX
MIN	0.130	0.108	0.180	4.30	0.529	0.236	0.008	0.003	0.002	0.207	0.869	0.550	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 2.30
MAXIMUM DAILY 50.0 ON APR 22
MINIMUM DAILY 0.002E ON SEP 1
MAXIMUM INSTANTANEOUS
53.8E AT 10:19 NST ON APR 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 53 37 N
LONG 56 13 22 W
DRAINAGE AREA 93.2 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	536	JUL	195
FEB	445	AUG	38.2
MAR	2 270	SEP	695
APR	38 400	OCT	3 130
MAY	14 300	NOV	7 760
JUN	1 310	DEC	3 840

TOTAL DISCHARGE 72 400 dam³

REMARKS THE "E" FOR DISCHARGES BELOW 0.015 m³/s IS DUE TO STAGE DISCHARGE CURVE EXTENSION

SOUTHERN BAY RIVER NEAR SOUTHERN BAY - STATION NO 02ZJ001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.645B	2.80 B	0.520B	3.91	2.81	0.442	0.204	0.021	0.013E	0.302	3.50	0.814	1
2	0.600B	4.30 B	0.480B	5.59	2.90	0.388	0.178	0.030	0.078	0.304	3.48	1.29	2
3	0.780B	7.50 B	0.435B	5.62	2.86	0.418	0.176	0.025	0.085	0.239	3.18	1.89	3
4	0.900B	5.30 B	0.400B	5.03	2.58	0.408	0.183	0.028	0.043	0.287	2.81	2.42	4
5	0.760B	4.80 B	0.385B	7.53	1.98	0.407	0.182	0.024	0.048	0.338	2.02	2.81	5
6	0.550B	4.00 B	0.340B	6.05	1.62	0.393	0.182	0.028	0.050	0.488	2.08	5.04	6
7	0.620B	3.35 B	0.312B	5.66	1.40	0.372	0.166	0.018E	0.048	0.685	2.89	5.76	7
8	1.00 B	2.70 B	0.290B	5.70	1.37	0.384	0.133	0.015E	0.052	0.727	3.08	4.73	8
9	1.40 B	3.00 B	0.270B	5.54	1.32	0.332	0.122	0.007E	0.114	0.750	2.98	3.44	9
10	1.22 B	3.50 B	0.265B	5.25	1.42	0.329	0.110	0.007E	0.089	0.682	3.41	2.77	10
11	1.10 B	3.70 B	0.235B	5.54	1.71	0.345	0.091	0.010E	0.087	0.656	1.89	2.35	11
12	1.32 B	3.30 B	0.220B	5.45	1.88	0.299	0.083	0.010E	0.051	0.613	1.82	2.06	12
13	1.50 B	1.80 B	0.209B	5.23	1.87	0.289	0.079	0.012E	0.048	0.541	3.16	1.91	13
14	1.18 B	1.55 B	0.195B	4.22	1.88	0.300	0.063	0.011E	0.041	0.459	4.00	1.84	14
15	0.980B	1.30 B	0.185B	4.48	1.81	0.276	0.071	0.011E	0.052	0.439	3.90	2.12	15
16	0.800B	1.14 B	2.00 B	5.41	1.37	0.280	0.068	0.010E	0.100	0.381	3.17	2.07	16
17	0.690B	0.970B	2.65 B	5.13	1.31	0.303	0.058	0.010E	0.089	0.331	2.46	1.92 B	17
18	0.590B	0.850B	3.20 B	5.72	1.40	0.302	0.043	0.008E	0.183	0.332	2.23	1.80 B	18
19	0.520B	0.750B	3.66 B	7.06	1.38	0.316	0.038	0.033	0.436	0.319	1.89	1.89 B	19
20	0.468B	0.660B	3.17 B	8.34	1.18	0.333	0.039	0.027	0.390	0.348	1.74	1.64 B	20
21	0.410B	0.585B	2.80 B	7.48	1.23	0.332	0.044	0.025	0.482	0.334	1.58	1.48 B	21
22	0.370B	0.520B	2.62 B	6.86	1.13	0.323	0.036	0.007E	0.449	0.325	1.51	1.38 B	22
23	0.350B	0.470B	2.45 B	6.00	1.06	0.305	0.033	0.008E	0.428	0.335	1.45	1.26 B	23
24	0.660B	0.580B	2.30 B	4.62	1.01	0.316	0.025	0.018E	0.489	0.317	1.45	1.20 B	24
25	1.80 B	0.700B	2.40 B	4.07	0.937	0.303	0.022	0.021	0.415	0.326	1.38	1.13 B	25
26	3.80 B	0.654B	2.65 B	3.38	0.788	0.272	0.021	0.018E	0.350	0.648	1.29	1.07 B	26
27	3.35 B	0.600B	3.10 B	2.80	0.713	0.238	0.038	0.038	0.333	0.770	1.18 B	0.990B	27
28	2.66 B	0.550B	3.45 B	2.33	0.672	0.227	0.034	0.036	0.350	0.819	1.09 B	0.840B	28
29	2.45 B		3.90 B	1.84	0.606	0.226	0.027	0.027	0.335	0.944	1.03	0.690B	29
30	2.18 B		3.45 B	1.65	0.532	0.216	0.027	0.021	0.322	2.06	0.975	0.640B	30
31	1.86 B		3.15 B		0.484		0.025	0.017E		2.76		0.600B	31
TOTAL	38.131	61.149	81.851	176.40	44.982	9.845	2.547	0.572	5.074	18.784	67.205	62.364	TOTAL
MEAN	1.23	2.18	1.87	5.88	1.45	0.322	0.082	0.018	0.202	0.605	2.24	2.01	MEAN
MAX	3.80	7.50	3.90	9.62	2.90	0.442	0.204	0.036	0.489	2.76	4.00	5.76	MAX
MIN	0.350	0.470	0.185	1.65	0.484	0.216	0.021	0.006	0.013	0.239	0.975	0.600	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 1.68
MAXIMUM DAILY 9.62 ON APR 3
MINIMUM DAILY 0.006E ON AUG 18
MAXIMUM INSTANTANEOUS
11.4 AT 20 03 NST ON APR 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 22 44 N
LONG 53 40 36 W
DRAINAGE AREA 67.4 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 290	JUL	220
FEB	5 280	AUG	49.4
MAR	4 480	SEP	525
APR	15 200	OCT	1 620
MAY	3 890	NOV	5 810
JUN	833	DEC	5 390

TOTAL DISCHARGE 45 800 dam³

REMARKS - THE "E" FOR DISCHARGES BELOW 0.020 m³/s IS DUE TO STAGE DISCHARGE CURVE EXTENSION

SOUTHWEST BROOK AT TERRA NOVA NATIONAL PARK - STATION NO 02YS003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.297B	0.800B	0.385B	2.84	1.46	0.321	0.280	0.063	0.074	0.283	1.08	0.324	1
2	0.280B	1.10 B	0.265B	4.85	1.03	0.326	0.320	0.058	0.075	0.312	1.07	0.780	2
3	0.265B	4.00 B	0.310B	7.32	0.813	0.309	0.343	0.055	0.123	0.282	0.831	1.13	3
4	0.365B	3.15 B	0.280B	8.66	0.700	0.317	0.323	0.051	0.154	0.375	0.736	1.14	4
5	0.580B	2.10 B	0.265B	8.37	0.571	0.324	0.301	0.053	0.163	0.526	0.651	0.904	5
6	0.490B	1.35 B	0.235B	4.80	0.485	0.280	0.322	0.048	0.166	0.525	1.47	3.84	6
7	0.440B	0.930B	0.225B	3.81	0.406	0.285	0.384	0.040	0.176	0.433	2.22	2.34	7
8	0.520B	0.770B	0.205B	3.58	0.393	0.430	0.339	0.039	0.208	0.368	1.30	1.38	8
9	0.750B	0.660B	0.185B	5.39	0.418	0.885	0.326	0.041	0.289	0.360	0.920	0.890	9
10	1.00 B	0.600B	0.178B	8.77	0.544	0.881	0.351	0.037	0.254	0.313	0.784	0.829	10
11	0.630B	1.15 B	0.188B	4.42	1.06	0.778	0.387	0.022	0.222	0.291	0.628	0.594	11
12	0.720B	2.50 B	0.165B	2.81	0.867	0.627	0.377	0.018	0.217	0.328	0.783	0.547	12
13	0.820B	1.70 B	0.148B	1.73	0.728	0.516	0.347	0.021	0.257	0.322	3.88	0.703	13
14	0.540B	1.20 B	0.139B	1.48	0.658	0.526	0.361	0.022	0.243	0.338	1.81	2.07	14
15	0.480B	0.940B	0.130B	3.11	0.620	0.421	0.330	0.018	0.252	0.328	1.26	2.24	15
16	0.425B	0.780B	0.300B	6.37	0.363	0.483	0.327	0.020	0.248	0.306	0.954	1.27	16
17	0.360B	0.670B	0.600B	3.72	1.22	0.686	0.274	0.020	0.216	0.283	0.813	0.880B	17
18	0.345B	0.580B	1.10 B	4.24	1.50	0.540	0.231	0.026	0.492	0.288	0.667	0.680B	18
19	0.310B	0.520B	2.00 B	7.67	0.898	0.415	0.188	0.068	1.52	0.370	0.662	0.536B	19
20	0.280B	0.470B	3.50 B	6.05	0.672	0.383	0.165	0.107	0.977	0.282	0.676	0.458B	20
21	0.252B	0.420B	5.00 B	3.85	0.788	0.374	0.131	0.112	0.686	0.236	0.688	0.416	21
22	0.230B	0.370B	3.70 B	3.85	0.646	0.378	0.107	0.098	0.533	0.276	1.49	0.356B	22
23	0.200B	0.350B	2.80 B	3.85	0.543	0.344	0.107	0.098	0.434	0.288	1.30	0.328B	23
24	0.300B	0.400B	3.40 B	1.87	0.533	0.321	0.104	0.114	0.371	0.273	0.986	0.292B	24
25	0.540B	0.470B	2.08	1.60	0.474	0.314	0.078	0.100	0.368	0.289	0.798	0.272B	25
26	1.00 B	0.588B	1.70	1.39	0.357	0.280	0.088	0.080	0.324	0.347	0.714	0.258B	26
27	2.00 B	0.520B	1.69	1.07	0.304	0.286	0.121	0.119	0.288	0.538	0.538	0.240B	27
28	1.45 B	0.446B	2.35	0.878	0.288	0.287	0.114	0.181	0.322	0.445	0.4108	0.228B	28
29	1.20 B		3.62	0.730	0.303	0.280	0.124	0.142	0.321	0.370	0.422	0.218B	29
30	0.930B		2.88	1.08	0.391	0.274	0.098	0.124	0.284	1.13	0.332	0.208B	30
31	0.760B		2.30		0.311		0.080	0.097		1.10		0.200B	31
TOTAL	18.778	39.341	41.265	113.886	20.182	12.893	7.314	2.088	10.262	12.014	30.841	28.498	TOTAL
MEAN	0.606	1.05	1.33	3.78	0.651	0.430	0.236	0.067	0.342	0.386	1.03	0.855	MEAN
MAX	2.00	4.00	5.00	7.67	1.50	0.881	0.377	0.151	1.52	1.13	3.88	3.84	MAX
MIN	0.200	0.350	0.130	0.730	0.288	0.268	0.078	0.018	0.074	0.238	0.332	0.200	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0.888
MAXIMUM DAILY 7.67 ON APR 18
MINIMUM DAILY 0.018 ON AUG 12
MAXIMUM INSTANTANEOUS
8.68 AT 23 38 NST ON APR 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 36 25 N
LONG 53 58 50 W
DRAINAGE AREA 38.7 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 620	JUL	633
FEB	2 640	AUG	180
MAR	3 670	SEP	887
APR	9 780	OCT	1 040
MAY	1 740	NOV	2 670
JUN	1 090	DEC	2 290

TOTAL DISCHARGE 24 000 dam³

NEWFOUNDLAND AND LABRADOR

SOUTHWEST GANDER RIVER BELOW LARSON FALLS - STATION NO 02YG005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	1.74	4.26	0.041E	0.817	3.00	25.4	5.808	1
2	---	---	---	---	---	2.15	3.73	0.012E	0.528	4.26	22.0	15.9	2
3	---	---	---	---	---	3.32	2.84	0.004E	0.276	7.63	17.3	21.1	3
4	---	---	---	---	---	1.97	2.49	0.002E	0.108	8.60	14.5	18.8	4
5	---	---	---	---	---	1.63	2.01	0.001E	0.188	17.3	12.3	14.4	5
6	---	---	---	---	---	1.37	1.63	0.001E	0.257	21.9	20.0	35.5	6
7	---	---	---	---	---	1.27	1.48	0.001E	0.297	14.8	53.1	40.8	7
8	---	---	---	---	---	1.18	1.31	0 E	0.455	11.1	32.8	28.2	8
9	---	---	---	---	---	1.18	1.21	0 E	3.41	9.45	22.0	18.5	9
10	---	---	---	---	---	1.18	1.01	0 E	5.27	8.78	17.1	14.8	10
11	---	---	---	---	---	1.83	0.882	0 E	3.72	7.72	13.9	10 3.8	11
12	---	---	---	---	---	1.88	0.835	0.001E	2.84	6.47	12.1	7.808	12
13	---	---	---	---	---	2.28	0.721	0 E	1.80	5.54	31.8	6.808	13
14	---	---	---	---	---	5.67	0.727	0 E	1.26	4.81	35.9	6.598	14
15	---	---	---	---	---	5.61	0.815	0.001E	0.985	4.07	25.3	6.208	15
16	---	---	---	---	---	5.84	0.872	0.001E	1.80	3.82	17.8	7.308	16
17	---	---	---	---	---	7.21	0.881	0.006E	3.20	3.22	10.4	6.618	17
18	---	---	---	---	---	6.01	0.837	0.001E	5.77	2.97	12.8	6.008	18
19	---	---	---	---	---	4.50	0.536	0.050E	10.6	2.88	12.6	5.808	19
20	---	---	---	---	---	3.85	0.497	0.088E	8.50	2.92	10.7	5.208	20
21	---	---	---	---	---	2.83	0.432	0.370	6.03	2.95	12.0	4.808	21
22	---	---	---	---	---	3.62	0.303	0.488	4.50	2.95	38.0	4.418	22
23	---	---	---	---	---	2.98	0.318	0.503	3.52	4.14	43.3	4.188	23
24	---	---	---	---	---	2.43	0.306	0.849	2.98	5.37	30.1	3.858	24
25	---	---	---	---	---	8.57	0.256	0.898	2.57	5.04	22.8	3.628	25
26	---	---	---	---	---	7.58	0.189	0.703	2.14	5.28	17.8	3.428	26
27	---	---	---	---	3.59	5.89	0.269	0.752	1.80	11.7	13.5	3.218	27
28	---	---	---	---	3.38	4.50	0.325	0.810	3.58	10.6	10.9	3.028	28
29	---		---	---	3.05	3.97	0.291	0.638	3.83	8.23	7.308	2.688	29
30	---		---	---	2.62	4.20	0.200	0.801	3.11	23.9	5.908	2.728	30
31	---		---		2.08		0.112E	0.880		32.0		2.978	31
TOTAL	---	---	---	---	---	105.88	32.213	7.380	85.701	263.39	818.10	322.98	TOTAL
MEAN	---	---	---	---	---	3.52	1.04	0.238	2.89	8.50	26.8	10.4	MEAN
MAX	---	---	---	---	---	7.58	4.26	0.838	10.6	32.0	53.1	40.8	MAX
MIN	---	---	---	---	---	1.18	0.112	0	0.108	2.89	5.90	2.97	MIN

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 39 28 N
LONG 55 04 52 W
DRAINAGE AREA 531 km²

B ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	2 760
FEB	---	AUG	838
MAR	---	SEP	7 490
APR	---	OCT	22 800
MAY	---	NOV	53 400
JUN	9 130	DEC	27 900

REMARKS THE 'E' FOR DISCHARGES BELOW 0.134 m³/s IS DUE TO STAGE DISCHARGE CURVE EXTENSION

SPOUT COVE BROOK NEAR SPOUT COVE - STATION NO 02ZL003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.111	0.193	0.1138	0.359	0.337	0.096	0.049	0.043	0.054	0.197	0.313	0.151	1
2	0.106	0.418	0.1088	0.448	0.362	0.097	0.041	0.041	0.060	0.268	0.337	0.188	2
3	0.107	0.505	0.0958	1.30	0.304	0.089	0.038	0.040	0.078	0.240	0.302	0.224	3
4	0.118	0.371	0.0868	1.90	0.279	0.086	0.034	0.040	0.088	0.244	0.278	0.234	4
5	0.118	0.288	0.0828	1.27	0.252	0.080	0.034	0.039	0.082	0.272	0.257	0.231	5
6	0.114	0.240	0.0788	0.928	0.226	0.078	0.046	0.038	0.083	0.259	0.295	0.592	6
7	0.108	0.209	0.0709	0.755	0.211	0.073	0.046	0.035	0.081	0.242	0.348	0.906	7
8	0.116	0.1808	0.0658	0.818	0.189	0.072	0.063	0.033	0.059	0.220	0.304	0.388	8
9	0.137	0.1808	0.0808	1.82	0.215	0.077	0.080	0.030	0.072	0.285	0.286	0.281	9
10	0.130	0.1488	0.0678	1.78	0.284	0.089	0.078	0.027	0.088	0.287	0.263	0.261	10
11	0.128	0.1808	0.0638	0.738	0.431	0.105	0.080	0.026	0.092	0.236	0.233	0.227	11
12	0.147	0.1848	0.0618	0.445	0.413	0.101	0.065	0.024	0.094	0.211	0.336	0.212	12
13	0.168	0.1528	0.0488	0.323	0.333	0.106	0.061	0.021	0.085	0.197	1.09	0.221	13
14	0.155	0.1418	0.0488	0.268	0.289	0.102	0.048	0.022	0.079	0.188	0.712	0.253	14
15	0.150	0.1328	0.0448	0.313	0.227	0.103	0.042	0.021	0.080	0.181	0.497	0.318	15
16	0.141	0.1228	0.142	0.527	0.201	0.117	0.038	0.021	0.114	0.158	0.358	0.298	16
17	0.1298	0.1138	0.819	0.482	0.201	0.106	0.036	0.020	0.121	0.151	0.274	0.2628	17
18	0.1218	0.1048	0.534	0.436	0.187	0.097	0.032	0.020	0.286	0.143	0.245	0.2368	18
19	0.1138	0.0988	0.717	0.745	0.178	0.097	0.031	0.028	0.857	0.143	0.241	0.2148	19
20	0.1078	0.0948	1.46	0.831	0.168	0.089	0.028	0.044	0.483	0.137	0.223	0.2068	20
21	0.1018	0.0888	3.10	0.856	0.158	0.088	0.035	0.053	0.359	0.131	0.218	0.1888	21
22	0.0958	0.0848	2.36	0.864	0.155	0.080	0.034	0.051	0.283	0.178	0.218	0.1768	22
23	0.0908	0.0808	0.870	0.696	0.142	0.073	0.033	0.051	0.245	0.302	0.217	0.1718	23
24	0.2608	0.115	0.539	0.370	0.142	0.069	0.033	0.078	0.220	0.261	0.198	0.1838	24
25	0.474	0.138	0.388	0.348	0.135	0.063	0.033	0.130	0.195	0.227	0.194	0.1558	25
26	0.345	0.143	0.314	0.325	0.123	0.080	0.035	0.137	0.189	0.252	0.188	0.1488	26
27	0.305	0.130	0.288	0.284	0.113	0.057	0.028	0.116	0.186	0.398	0.178	0.1438	27
28	0.283	0.123	0.317	0.244	0.112	0.052	0.047	0.084	0.207	0.333	0.170	0.1398	28
29	0.230		0.430	0.234	0.108	0.051	0.050	0.081	0.201	0.260	0.184	0.137	29
30	0.201		0.438	0.234	0.108	0.054	0.047	0.070	0.188	0.278	0.158	0.144	30
31	0.183		0.370		0.102		0.044	0.060		0.295		0.138	31
TOTAL	5.060	4.912	14.337	20.268	6.830	2.513	1.337	1.852	5.327	7.121	8.041	7.204	TOTAL
MEAN	0.163	0.175	0.488	0.678	0.214	0.084	0.043	0.060	0.174	0.230	0.301	0.232	MEAN
MAX	0.474	0.505	3.10	1.80	0.431	0.119	0.080	0.137	0.857	0.398	1.09	0.592	MAX
MIN	0.080	0.080	0.064	0.234	0.102	0.051	0.033	0.030	0.054	0.131	0.158	0.138	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0.233
MAXIMUM DAILY 3.10 ON MAR 21
MINIMUM DAILY 0.030 ON AUG 17
MAXIMUM INSTANTANEOUS:
3.52 AT 22 08 NST ON MAR 21

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION LAT 47 48 43 N
LONG 53 09 15 W
DRAINAGE AREA 10.8 km²

B ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	437	JUL	115
FEB	424	AUG	134
MAR	1 230	SEP	462
APR	1 780	OCT	815
MAY	573	NOV	781
JUN	217	DEC	622

TOTAL DISCHARGE 7 350 dam³

ST. SHOTTS RIVER NEAR TREPASSEY - STATION NO. 02ZH003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.2508	0.1408	0.1108	1.14 B	0.827	0.141	0.522	0.118	0.073	0.280	0.974	0.243	1
2	0.2108	1.20 B	0.1018	3.88	0.885	0.172	0.900	0.128	0.073	0.432	0.956	0.846	2
3	0.2858	3.10 B	0.0948	9.82 E	0.787	0.168	0.345	0.118	0.076	0.803	0.867	1.08	3
4	0.3858	2.80 B	0.0898	9.41 E	0.755	0.139	0.263	0.099	0.088	0.995	0.888	0.871	4
5	0.5008	1.10 B	0.0898	4.82	0.881	0.111	0.307	0.137	0.070	1.02	0.850	1.41	5
6	0.4808	0.7808	0.0818	2.70	0.839	0.101	0.438	0.128	0.069	1.03	0.808	3.82	6
7	0.3708	0.6808	0.0778	2.00	0.382	0.090	0.206	0.115	0.082	0.747	1.15	2.51	7
8	0.5508	0.4508	0.0748	3.00	0.811	0.144	0.181	0.104	0.082	0.557	1.00	1.51	8
9	0.8008	0.3788	0.0718	3.74	1.33	0.180	0.188	0.098	0.086	1.11	0.933	0.922	9
10	0.5908	0.3208	0.0688	3.31	3.48	0.186	0.143	0.085	0.076	1.20	0.902	0.585	10
11	0.5008	0.4508	0.0668	2.16	4.04	0.155	0.184	0.082	0.071	0.926	0.822	0.617	11
12	0.8808	0.5808	0.0648	1.40	2.34	0.151	0.153	0.105	0.083	0.705	1.43	0.880	12
13	1.60 B	0.4308	0.0628	1.13	1.49	0.214	0.143	0.074	0.083	0.805	3.57	1.22	13
14	0.9708	0.3808	0.0608	0.802	1.09	1.35	0.138	0.054	0.057	0.507	2.44	1.10	14
15	0.7608	0.3088	0.0588	0.947	0.784	1.27	0.128	0.042	0.140	0.333	1.77	0.878	15
16	0.5008	0.2808	0.0648	1.35	0.593	1.02	0.131	0.038E	0.338	0.289	1.30	0.558	16
17	0.4808	0.2318	0.0858	1.02	0.616	0.817	0.138	0.048	0.285	0.278	0.936	0.556	17
18	0.3858	0.2078	0.8008	0.843	0.858	0.874	0.121	0.045	0.557	0.245	0.840	0.324	18
19	0.3068	0.1858	4.00 B	0.880	0.499	0.424	0.093	0.051	0.556	0.219	0.848	0.4858	19
20	0.2698	0.1858	8.70 B	1.20	0.311	0.351	0.088	0.053	0.312	0.209	0.959	0.4408	20
21	0.2508	0.1488	9.80 B	0.901	0.280	0.342	0.095	0.084	0.237	0.189	0.758	0.4028	21
22	0.2398	0.1328	5.00 B	0.886	0.221	0.262	0.069	0.051	0.211	0.191	0.847	0.3858	22
23	0.2258	0.1218	2.50 B	0.734	0.330	0.224	0.051	0.050	0.177	0.737	0.887	0.3358	23
24	1.50 B	0.1128	1.75 B	0.508	0.265	0.203	0.050	0.119	0.144	0.885	0.575	0.3128	24
25	4.00 B	0.1258	1.48 B	0.845	0.241	0.172	0.078	0.115	0.130	0.513	0.484	0.2958	25
26	1.20 B	0.1408	1.32 B	0.850	0.215	0.188	0.183	0.098	0.181	0.484	0.472	0.2808	26
27	0.5508	0.1308	1.20 B	0.553	0.228	0.154	0.123	0.088	0.181	0.824	0.369	0.2858	27
28	0.2548	0.1228	1.35 B	0.488	0.185	0.133	0.138	0.081	0.198	0.549	0.338	0.2558	28
29	0.2008		2.20 B	0.358	0.184	0.537	0.118	0.078	0.181	0.615	0.303	0.2458	29
30	0.1858		1.90 B	0.434	0.209	0.848	0.103	0.078	0.188	0.494	0.242	0.2758	30
31	0.1808		1.40 B		0.127		0.104	0.078		0.889		0.3008	31
TOTAL	19.818	15.022	46.523	61.736	25.184	10.676	5.499	2.808	4.948	17.888	28.847	23.944	TOTAL
MEAN	0.639	0.537	1.50	2.06	0.812	0.356	0.177	0.084	0.185	0.576	0.955	0.772	MEAN
MAX	4.00	3.10	9.80	9.82	4.04	1.35	0.822	0.137	0.557	1.20	3.57	3.82	MAX
MIN	0.180	0.112	0.058	0.358	0.127	0.080	0.080	0.038	0.057	0.191	0.242	0.243	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.719
MAXIMUM DAILY, 9.82E ON APR 3
MINIMUM DAILY, 0.038E ON AUG 18
MAXIMUM INSTANTANEOUS
13.5E AT 15 39 NST ON APR 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 43 32 N
LONG 53 28 24 W
DRAINAGE AREA, 15.5 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 710	JUL	475
FEB	1 300	AUG	225
MAR	4 020	SEP	428
APR	5 330	OCT	1 540
MAY	2 170	NOV	2 480
JUN	822	DEC	2 070

TOTAL DISCHARGE, 22 700 dam³

REMARKS - THE "E" FOR DISCHARGES ABOVE 7.78 m³/s AND BELOW 0.038 m³/s IS DUE TO STAGE DISCHARGE CURVE EXTENSION

STE. GENEVIEVE RIVER NEAR FORRESTERS POINT - STATION NO. 02YA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.838	1.788	2.598	6.808	20.8	19.1	7.71	3.82	2.12	3.12	5.28	6.408	1
2	3.478	1.768	3.558	8.808	21.1	18.7	8.44	3.87	2.47	2.82	4.71	8.108	2
3	3.368	1.718	2.808	10.6 B	20.7	17.6	8.12	3.56	2.72	3.40	4.53	6.808	3
4	3.308	1.698	3.478	13.7 B	19.9	16.8	7.89	3.32	2.96	3.55	4.58	5.508	4
5	3.218	1.678	2.438	17.5 B	18.7	16.2	7.41	3.80	3.37	3.75	4.88	5.358	5
6	3.138	1.638	2.368	17.6 B	20.0	15.9	7.18	3.66	3.42	3.90	5.18	6.008	6
7	3.068	1.608	2.358	16.6 B	21.7	15.0	6.93	3.29	3.27	3.73	5.408	6.708	7
8	2.948	1.588	2.308	15.6 B	23.8	14.3	6.68	3.09	3.39	3.59	4.858	7.708	8
9	2.908	1.568	2.278	14.6 B	23.4	13.6	6.09	3.05	3.31	3.43	4.508	7.308	9
10	2.858	1.538	2.238	13.6 B	23.7	13.7	5.70	3.09	3.26	3.20	4.098	8.808	10
11	2.748	1.518	2.188	12.6 B	24.2	14.1	5.53	3.17	3.02	3.31	3.858	8.608	11
12	2.728	1.508	2.168	11.8 B	24.8	13.8	5.69	3.08	2.91	3.26	3.658	8.208	12
13	2.688	1.488	2.128	11.1 B	24.5	13.6	6.00	3.04	2.77	3.00	3.408	8.808	13
14	2.668	1.478	2.088	10.5 B	23.6	13.3	6.16	2.92	2.70	2.86	3.258	8.558	14
15	2.628	1.468	2.068	9.908	22.4	13.0	6.08	2.79	2.79	2.74	3.008	8.308	15
16	2.468	1.428	2.018	9.358	24.8	12.7	5.81	2.74	2.76	2.66	2.808	8.108	16
17	2.438	1.418	1.988	8.808	26.4	11.8	5.28	2.81	2.78	2.84	2.758	8.808	17
18	2.388	1.388	2.008	8.708	26.2	11.2	5.14	2.86	2.82	2.72	3.008	8.808	18
19	2.328	1.368	3.208	11.0 B	25.4	10.8	4.80	2.81	2.78	3.08	3.358	8.408	19
20	2.278	1.378	3.808	13.0 B	23.8	10.4	4.89	2.84	2.78	3.04	3.708	8.208	20
21	2.228	1.388	3.408	15.0 B	22.7	10.3	4.68	2.87	2.70	3.18	4.108	8.858	21
22	2.168	1.388	3.288	17.0 B	22.8	9.83	4.44	2.81	2.82	3.50	4.408	8.808	22
23	2.108	2.258	3.158	20.0 B	22.4	9.48	4.26	2.67	2.87	5.15	4.908	8.858	23
24	2.068	2.858	3.008	22.4	20.7	9.26	4.13	2.36	2.80	5.36	5.408	8.808	24
25	2.038	2.838	2.918	23.0	19.5	8.90	4.14	3.39	2.43	4.92	5.908	8.358	25
26	1.958	2.778	3.808	23.8	18.8	8.63	4.17	2.46	2.36	4.83	6.708	8.258	26
27	1.958	2.728	5.008	22.3	18.4	8.33	4.16	2.36	2.29	5.22	7.808	8.108	27
28	1.908	3.688	5.608	21.3	17.8	8.03	3.97	2.32	2.19	5.15	7.508	8.008	28
29	1.878		5.908	20.8	17.8	8.15	3.72	2.33	2.13	5.21	7.308	8.908	29
30	1.858		5.558	20.3	17.4	7.83	3.51	2.14	2.10	5.27	6.808	8.808	30
31	1.808		5.388		17.3		3.48	2.10		5.10		8.708	31
TOTAL	78.91	48.89	95.41	447.85	676.0	373.98	171.54	87.63	82.30	115.80	161.34	192.80	TOTAL
MEAN	2.65	1.77	3.08	14.9	21.8	12.5	5.53	2.83	2.74	3.74	4.71	6.92	MEAN
MAX	3.83	2.85	5.90	23.0	26.4	19.1	8.44	3.87	3.42	5.36	7.80	7.70	MAX
MIN	1.80	1.36	1.96	8.80	17.3	7.82	3.48	2.10	2.10	2.12	3.78	2.70	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.78
MAXIMUM DAILY, 26.4 ON MAY 17
MINIMUM DAILY, 1.35B ON FEB 22
MAXIMUM INSTANTANEOUS
26.8 AT 22 58 NST ON MAY 17

TYPE OF GAUGE - RECORDING
LOCATION - LAT 51 08 18 N
LONG 56 47 32 W
DRAINAGE AREA, 306 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 820	JUL	14 800
FEB	4 290	AUG	7 870
MAR	5 240	SEP	7 110
APR	26 700	OCT	10 000
MAY	55 400	NOV	12 200
JUN	33 300	DEC	13 200

TOTAL DISCHARGE, 214 000 dam³

TERRA NOVA RIVER AT GLOVERTOWN - STATION NO. 02YS005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	22.38	31.88	33.08	130	104	31.9	16.9	9.68	4.10	6.67	14.7	51.0	1
2	21.98	30.58	31.88	139	98.6	30.2	16.2	9.76	4.12	6.06	15.6	55.5	2
3	21.18	36.8	30.88	167	90.0	28.7	17.2	9.23	4.68	5.98	16.8	55.5	3
4	22.08	37.5	29.78	182	87.8	27.4	17.1	9.01	4.78	5.20	18.1	60.8	4
5	23.08	36.9	28.88	216	84.4	27.5	16.4	8.82	4.41	6.30	21.7	49.0	5
6	23.6	35.38	27.98	248	80.8	27.6	16.0	8.38	3.69	7.10	29.4	88.2	6
7	25.1	34.38	27.18	262	77.2	25.5	15.8	7.93	3.93	8.32	39.6	85.0	7
8	23.9	33.88	26.38	287	74.1	24.9	15.2	7.82	3.86	8.24	47.7	88.3	8
9	25.6	37.08	25.88	278	88.0	24.8	15.2	8.13	4.23	8.98	53.8	89.7	9
10	24.7	39.4	26.08	281	86.1	24.7	15.8	7.89	4.34	7.71	58.2	70.6	10
11	25.1	43.5	24.38	285	88.8	25.2	14.8	7.44	3.98	7.87	57.4	89.5	11
12	25.3	42.8	23.88	288	70.4	24.8	14.8	7.15	3.86	7.81	55.8	88.1	12
13	26.0	42.0	23.18	238	73.2	25.5	14.3	8.81	3.47	7.88	71.8	86.1	13
14	24.8	40.58	22.88	211	70.8	23.1	14.1	8.77	3.53	8.13	71.7	70.3	14
15	24.0	39.58	22.08	194	71.3	21.4	14.0	8.54	3.60	8.74	89.8	70.8	15
16	23.7	38.88	26.8	186	85.7	22.7	13.7	8.24	3.43	9.37	89.8	85.6	16
17	23.58	37.78	36.3	187	88.3	23.8	13.5	8.41	3.82	9.27	84.8	85.2	17
18	23.28	37.08	36.8	188	86.8	22.6	13.0	8.14	5.07	9.40	82.1	38.5	18
19	22.98	36.08	38.2	188	83.0	22.2	13.0	8.47	7.88	10.2	88.1	81.5	19
20	23.88	35.09	47.8	183	82.8	22.8	12.8	8.01	8.57	10.6	94.1	85.08	20
21	23.38	34.18	58.1	183	88.0	21.8	11.9	5.86	5.13	10.8	94.3	80.08	21
22	21.88	33.28	88.8	188	86.3	21.8	11.4	5.88	4.87	10.8	97.8	45.78	22
23	21.78	32.78	72.2	178	81.3	20.8	11.1	5.87	4.81	11.4	81.4	42.58	23
24	22.88	32.08	80.8	171	80.8	20.4	11.2	5.83	4.83	11.4	80.2	40.28	24
25	23.58	35.58	85.8	162	46.1	20.1	11.2	5.83	5.02	11.3	80.2	38.58	25
26	24.08	37.08	80.5	161	43.8	19.8	11.3	5.26	4.87	11.6	80.5	37.08	26
27	23.78	36.58	86.7	129	38.5	19.5	10.8	5.43	4.69	12.2	82.3	35.88	27
28	23.08	34.38	106	118	36.0	19.4	10.7	5.26	4.81	11.8	81.8	34.18	28
29	22.78		116	106	35.8	19.3	10.4	5.13	4.73	11.8	88.3	32.88	29
30	22.28		122	101	34.1	19.2	10.2	5.02	4.63	13.8	85.3	31.58	30
31	21.98		126		33.6		9.89	4.85		14.0		30.78	31
TOTAL	722.3	1 011.7	1 813.8	5 785	3 001.4	709.6	423.09	213.14	134.77	261.56	1 644.7	1 848.1	TOTAL
MEAN	23.3	36.1	62.1	183	84.8	23.7	13.6	8.88	4.49	8.06	51.8	83.2	MEAN
MAX	25.6	43.5	126	281	106	31.8	16.8	9.68	7.88	14.0	71.8	70.6	MAX
MIN	21.1	21.8	22.0	101	33.6	19.2	9.89	4.85	3.43	4.87	14.7	30.7	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 44.1
MAXIMUM DAILY, 281 ON APR 10
MINIMUM DAILY, 3.43 ON SEP 16
MAXIMUM INSTANTANEOUS,
292 AT 01:23 NST ON APR 11

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 38 43 N
LONG 54 01 05 W
DRAINAGE AREA, 2 000 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	62 400	JUL	36 500
FEB	87 400	AUG	16 400
MAR	138 000	SEP	11 600
APR	501 000	OCT	24 300
MAY	173 000	NOV	133 000
JUN	61 300	DEC	142 000

TOTAL DISCHARGE, 1 390 000 dam³

TIDES BROOK BELOW FRESHWATER POND - STATION NO. 02ZC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.35	4.208	1.85 B	15.9	8.48	2.48	2.08	0.687	0.328	2.67	14.5	5.68	1
2	4.23	5.89	1.73 B	16.1	7.80	2.32	1.97	0.610	0.800	3.94	15.1	10.2	2
3	4.02	5.67	1.90 B	39.1	7.21	2.21	1.84	0.590	0.681	3.56	13.7	11.1	3
4	4.29	5.33	1.90 B	49.3	6.83	2.17	1.78	0.585	0.865	8.80	12.4	10.6	4
5	4.33	5.44	1.42 B	54.4	6.03	2.12	1.78	0.572	0.826	15.0	11.0	10.7	5
6	4.10	5.89	1.35 B	48.4	5.80	2.04	1.95	0.530	0.824	15.3	12.5	15.1	6
7	3.91	5.08	1.27 B	36.0	5.31	2.00	1.83	0.513	0.841	13.8	15.8	14.9	7
8	5.39	7.38	1.20 B	31.9	4.88	1.88	1.81	0.484	0.840	12.5	14.8	13.5	8
9	8.06	7.008	1.14 B	30.2	4.80	1.76	1.78	0.479	0.788	12.4	13.5	11.9	9
10	7.54	6.80	1.08 B	28.1	5.27	1.71	1.68	0.480	0.789	12.6	13.4	10.3	10
11	7.11	7.08	1.04 B	23.7	7.78	1.95	1.84	0.436	0.787	11.3	12.6	9.18	11
12	7.98	7.18	0.9908	19.7	8.53	1.89	1.47	0.340	0.788	10.1	12.0	8.38	12
13	8.09	7.20	0.9508	16.4	8.06	2.86	1.38	0.336	0.748	8.84	18.0	8.28	13
14	8.86	7.07	0.9108	14.2	8.07	4.36	1.30	0.348	0.741	7.88	15.8	8.03	14
15	8.24	6.80	0.8708	12.9	7.43	4.86	1.23	0.341	0.831	7.15	14.1	8.83	15
16	7.45	6.13	1.34	14.0	6.81	5.13	1.17	0.332	1.36	6.21	12.2	9.24	16
17	8.77	5.65	2.03	13.6	6.17	4.87	1.10	0.327	1.67	5.84	10.8	8.37	17
18	8.04	5.09	3.41	12.5	5.88	4.63	1.02	0.321	4.38	5.18	9.51	7.83	18
19	8.80	4.72	7.32	12.0	5.80	4.36	0.981	0.289	5.14	4.72	8.78	7.28	19
20	8.33	4.34	15.7	11.8	5.86	3.97	0.904	0.292	4.83	4.21	8.02	8.83	20
21	4.71	3.908	26.8	11.6	6.06	3.89	0.828	0.308	4.87	3.83	9.86	8.87	21
22	4.33	3.508	34.6	10.9	4.87	3.36	0.778	0.311	4.33	3.68	11.2	8.66	22
23	3.98	3.208	36.3	10.2	4.43	3.06	0.728	0.485	4.04	4.28	10.8	8.26	23
24	8.33	3.908	36.3	8.36	4.18	2.77	0.703	0.406	3.78	4.33	10.3	4.88	24
25	7.03	3.808	33.7	8.48	3.92	2.62	0.732	0.398	3.60	4.24	9.09	4.55	25
26	7.28	3.488	30.4	7.85	3.66	2.36	0.690	0.385	3.21	5.72	8.23	4.22	26
27	7.00	3.288	18.0	7.18	3.26	2.31	0.659	0.361	3.02	5.42	7.43	3.86	27
28	6.81	3.088	18.2	6.48	3.06	2.15	0.781	0.346	2.74	6.17	6.88	3.60	28
29	6.508		20.6	6.03	2.76	2.21	0.732	0.360	2.69	7.88	6.04	3.27	29
30	6.808		19.3	7.03	2.69	2.16	0.688	0.345	2.46	11.7	5.51	2.43	30
31	6.508		17.3		2.62		0.692	0.322		13.1		0.868	31
TOTAL	183.84	180.32	311.210	577.32	174.16	85.89	38.689	12.686	63.285	245.47	340.88	244.868	TOTAL
MEAN	5.93	6.73	10.0	19.2	5.62	2.86	1.25	0.416	2.11	7.92	11.4	7.89	MEAN
MAX	8.09	8.44	34.6	54.4	8.53	5.13	2.08	0.687	5.14	18.3	18.0	15.1	MAX
MIN	3.91	2.08	0.870	6.03	2.62	1.86	0.690	0.288	0.328	3.87	5.51	0.868	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 5.68
MAXIMUM DAILY, 54.4 ON APR 5
MINIMUM DAILY, 0.288 ON AUG 15
MAXIMUM INSTANTANEOUS
58.3 AT 03:47 NST ON APR 5

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 07 38 N
- LONG 55 15 54 W
DRAINAGE AREA 188 km²

B ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	15 800	JUL	3 380
FEB	13 800	AUG	1 110
MAR	28 800	SEP	5 470
APR	49 800	OCT	21 200
MAY	15 000	NOV	28 800
JUN	7 420	DEC	21 100

TOTAL DISCHARGE 211 000 dam³

TORRENT RIVER AT BRISTOL'S POOL - STATION NO. 02YC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.358	3.208	2.338	7.408	38.9	42.2	12.9	8.50E	18.3	10.2	28.8	25.6	1
2	5.258	3.158	2.308	8.208	37.1	46.7	12.8	9.80E	19.0	11.0	27.3	23.4	2
3	5.158	3.108	2.298	11.5	37.3	43.7	13.8	9.60E	21.1	11.8	26.2	22.1	3
4	5.058	3.058	2.278	17.0	36.8	43.2	18.1	9.00E	27.0	14.0	24.5	20.9	4
5	4.958	3.028	2.268	27.5	33.9	42.4	17.8	8.30E	38.9	18.5	23.2	19.8	5
6	4.858	2.898	2.258	43.5	32.8	41.3	18.0	7.70E	45.1	23.8	22.2	18.4	6
7	4.758	2.858	2.238	57.8	36.5	40.8	17.4	7.20E	46.0	31.2	23.0	18.1	7
8	4.658	2.808	2.208	64.7	48.8	39.2	18.1	7.00E	42.4	36.1	24.6	18.5	8
9	4.558	2.868	2.198	60.2	74.5	37.0	18.2	8.00E	37.6	36.0	25.3	17.8	9
10	4.508	2.858	2.168	52.5	87.1	34.8	14.2	8.30E	32.8	32.3	24.5	17.0	10
11	4.408	2.808	2.178	45.0	87.2	33.5	13.0	8.00E	29.1	28.2	23.1	16.3	11
12	4.358	2.768	2.168	38.6	85.1	32.0	12.4	7.60E	25.7	26.5	21.9	15.6	12
13	4.258	2.758	2.158	33.9	80.7	31.1	11.9	7.10E	23.5	24.7	20.7	15.1	13
14	4.158	2.728	2.138	29.4	74.1	30.8	11.5	6.60E	21.4	23.8	19.5	14.5	14
15	4.108	2.688	2.128	26.3	66.5	30.5	11.2	6.30E	19.8	21.4	18.4	13.8	15
16	4.058	2.668	2.118	24.3	72.7	30.1	11.2	5.90E	18.5	18.7	17.2	13.2	16
17	4.008	2.638	2.108	22.4	84.0	28.9	11.2	5.70E	17.8	16.2	16.9	12.3	17
18	3.958	2.608	2.108	21.4	87.2	27.3	11.1	8.60E	17.3	16.8	15.0	11.6 B	18
19	3.908	2.588	2.098	25.5	78.5	26.2	10.8	8.00E	16.9	15.3A	14.8	11.0 B	19
20	3.838	2.558	2.308	53.7	62.9	24.9	10.4	8.40E	16.5	14.9E	18.5	10.2 B	20
21	3.778	2.508	2.508	108	50.3	23.4	9.88	11.5 E	15.8	13.5E	27.1	9.30B	21
22	3.738	2.488	2.708	184	41.4	22.0	9.24	13.6 E	15.1	14.5E	39.2	8.60B	22
23	3.708	2.468	2.908	217	39.2	20.5	8.86	16.5 E	14.2	18.5E	84.5	8.00B	23
24	3.608	2.468	3.208	206	41.8	19.2	7.80A	18.7 A	13.4	22.5E	82.5	7.70B	24
25	3.558	2.438	3.508	158	44.1	18.2	8.20E	20.3	12.9	25.3E	75.7	7.40B	25
26	3.508	2.408	3.858	117	44.5	17.1	8.80E	21.2	12.4	24.5E	62.8	7.10B	26
27	3.458	2.388	4.208	88.0	44.4	15.8	9.40E	22.3	11.9	24.8E	51.2	6.90B	27
28	3.408	2.378	4.708	68.3	43.5	14.7	9.80E	23.2	11.3	24.8E	41.5	6.60B	28
29	3.368		5.208	54.4	43.7	13.8	10.3 E	23.3	10.7	25.0E	34.5	6.40B	29
30	3.308		5.808	44.3	44.8	13.4	10.2 E	22.6	10.3	25.0A	29.0	6.25B	30
31	3.258		6.508		44.3		9.50E	21.1		24.0		6.10B	31
TOTAL	126.67	76.36	88.86	1 884.80	1 725.2	877.4	370.57	368.80	681.5	675.7	940.2	417.85	TOTAL
MEAN	4.15	2.73	2.87	62.8	55.7	29.2	12.0	11.9	22.1	21.9	31.3	13.5	MEAN
MAX	5.35	3.20	6.50	217	87.2	46.7	18.0	23.3	46.0	36.1	82.5	25.6	MAX
MIN	3.25	2.37	2.08	7.40	33.8	13.4	7.90	6.70	10.3	10.2	14.8	6.10	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 22.5
MAXIMUM DAILY, 217 ON APR 23
MINIMUM DAILY, 2.098 ON MAR 19
MAXIMUM INSTANTANEOUS,
226 AT 15:40 NST ON APR 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 50 36 27 N
LONG 57 09 04 W
DRAINAGE AREA, 824 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	11 100	JUL	32 000
FEB	6 600	AUG	32 000
MAR	7 680	SEP	57 200
APR	163 000	OCT	58 700
MAY	149 000	NOV	81 200
JUN	75 800	DEC	36 100

TOTAL DISCHARGE, 710 000 dam³

TROUT BROOK NEAR BELLEVUE - STATION NO. 02ZK005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.480B	0.737B	0.520B	2.71	2.08	0.246	0.236	0.256	0.194	1.02	3.08	0.641	1
2	0.440B	5.00 B	0.440B	3.49	1.80	0.282	0.216	0.246	0.248	1.83	2.63	1.14	2
3	0.400B	3.15 B	0.390B	7.82	1.32	0.287	0.193	0.220	0.275	1.57	1.99	1.52	3
4	0.640B	2.22 B	0.355B	7.71	1.21	0.248	0.184	0.197	0.226	1.65	1.81	1.49	4
5	0.525B	1.80 B	0.325B	5.88	1.07	0.223	0.413	0.183	0.211	2.20	1.54	1.62	5
6	0.480B	1.52 B	0.295B	4.75	0.893	0.201	0.871	0.187	0.205	2.02	1.88	4.37	6
7	0.400B	1.30 B	0.270B	3.89	0.804	0.185	0.644	0.161	0.205	1.53	2.13	3.36	7
8	0.820B	1.12 B	0.245B	3.98	1.00	0.342	0.481	0.133	0.218	1.50	1.89	2.87	8
9	1.11 B	0.990B	0.226B	5.20	1.87	0.394	0.415	0.129	0.254	4.06	1.83	2.12	9
10	0.800B	0.900B	0.212B	4.98	3.18	0.430	0.381	0.108	0.251	3.08	1.82	1.70	10
11	0.880B	1.37 B	0.187B	3.53	4.85	0.426	0.318	0.095	0.217	2.37	1.68	1.46	11
12	1.08 B	1.12 B	0.183B	2.87	3.49	0.382	0.293	0.085	0.188	1.78	2.16	1.36	12
13	1.40 B	0.850B	0.171B	2.10	2.71	2.23	0.268	0.073	0.166	1.45	4.88	1.93	13
14	0.850B	0.820B	0.162B	1.75	2.10	3.22	0.284	0.068	0.158	1.20	3.13	2.35	14
15	0.590B	0.730B	0.158B	3.15	1.82	1.77	0.243	0.064	0.142	0.987	2.40 B	2.30	15
16	0.490B	0.650B	0.226B	5.06	1.33	1.86	0.233	0.062	0.274	0.807	2.02 B	1.85	16
17	0.410B	0.578B	1.01 B	3.09	1.20	1.37	0.235	0.081	0.263	0.886	1.74 B	1.62	17
18	0.350B	0.525B	2.00 B	3.52	1.07	1.10	0.186	0.059	1.51	0.801	1.80	1.35	18
19	0.295B	0.480B	8.00 B	2.42	0.878	0.821	0.163	0.059	2.04	0.552	1.72	1.13 B	19
20	0.255B	0.445B	5.50 B	2.21	0.735	0.740	0.147	0.058	1.50	0.555	1.54	1.00 B	20
21	0.227B	0.405B	11.3 B	2.06	0.814	0.840	0.125	0.058	1.31	0.532	1.36	0.910B	21
22	0.205B	0.360B	8.00 B	1.88	0.556	0.582	0.104	0.060	1.13	1.18	1.35	0.820B	22
23	0.187B	0.355B	5.30 B	1.89	0.871	0.490	0.087	0.060	0.857	2.88	1.24	0.750B	23
24	2.00 B	0.337B	3.50 B	1.59	0.659	0.418	0.081	1.59	0.825	1.82	1.11	0.690B	24
25	3.20 B	0.630B	2.72	1.48	0.610	0.380	0.097	0.863	0.678	1.57	0.988	0.650B	25
26	2.67 B	0.670B	2.20	1.36	0.442	0.388	0.128	0.587	0.614	1.78	0.902	0.610B	26
27	1.97 B	0.885B	2.06	1.27	0.378	0.368	0.515	0.495	0.840	2.02	0.810	0.570B	27
28	1.60 B	0.610B	3.37	1.17	0.344	0.322	0.586	0.333	1.14	1.64	0.700B	0.550B	28
29	1.30 B		3.86	1.10	0.328	0.303	0.440	0.263	1.06	1.36	0.631	0.530B	29
30	1.08 B		3.00	1.47	0.287	0.282	0.338	0.287	0.988	2.86	0.602	0.550B	30
31	0.880B		2.62		0.269		0.283	0.241		2.12		0.570B	31
TOTAL	27.494	30.674	70.533	83.84	39.464	20.786	9.161	7.283	16.303	50.850	52.674	44.211	TOTAL
MEAN	0.887	1.10	2.28	3.13	1.27	0.693	0.288	0.235	0.610	1.64	1.76	1.43	MEAN
MAX	3.20	5.00	11.3	7.82	4.85	3.22	0.871	1.59	2.04	4.06	4.88	4.37	MAX
MIN	0.187	0.337	0.158	1.10	0.269	0.185	0.081	0.060	0.158	0.532	0.602	0.530	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.28
MAXIMUM DAILY, 11.28 ON MAR 21
MINIMUM DAILY, 0.060 ON AUG 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 36 21 N
LONG 53 45 53 W
DRAINAGE AREA, 50.3 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 380	JUL	782
FEB	2 850	AUG	830
MAR	6 080	SEP	1 860
APR	6 110	OCT	4 400
MAY	3 410	NOV	4 570
JUN	1 800	DEC	3 820

TOTAL DISCHARGE, 40 200 dam³

UGJOKTOK RIVER BELOW HARP LAKE - STATION NO. 03NF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	24.38	16.28	12.08	24.08	1788	433	190	192	118	116	114	97.08	1
2	24.18	15.88	11.88	30.08	1848	438	148	187	121	116	102	92.08	2
3	23.88	15.78	11.88	38.08	1588	418	147	181	126	115	106	89.08	3
4	23.38	15.58	11.78	44.08	1498	417	141	174	128	115	102	85.08	4
5	23.08	15.38	11.68	65.08	1408	451	137	174	133	123	99.8	81.08	5
6	22.88	15.28	11.58	70.08	1708	488	135	177	137	132	98.3	78.08	6
7	22.58	15.08	11.48	85.08	3008	478	133	171	142	136	97.3	76.08	7
8	22.18	14.98	11.38	107 B	585	454	131	164	147	143	89.8	74.08	8
9	21.88	14.78	11.28	130 B	821	444	128	157	146	156	89.8	71.08	9
10	21.58	14.58	11.18	155 B	540	439	127	152	142	183	85.8	69.08	10
11	21.18	14.38	11.08	148 B	473	419	123	145	139	159	77.08	67.08	11
12	20.88	14.28	10.98	142 B	419	386	120	141	134	156	73.6	65.08	12
13	20.58	14.18	10.88	135 B	378	355	114	138	129	151	69.08	63.08	13
14	20.48	13.98	10.78	128 B	357	327	114	138	124	146	67.08	61.58	14
15	20.08	13.78	10.78	123 B	489	300	114	135	122	144	65.08	60.08	15
16	19.88	13.68	10.68	118 B	635	281	117	132	127	144	63.08	58.58	16
17	19.58	13.58	10.58	112 B	803	284	118	128	138	141	61.08	57.08	17
18	19.38	13.38	10.48	108 B	636	249	122	126	148	136	60.08	55.58	18
19	19.18	13.28	10.48	125 B	466	235	137	124	149	138	61.08	54.58	19
20	18.88	13.08	10.38	150 B	410	224	143	120	147	139	63.08	53.08	20
21	18.68	12.88	10.38	180 B	381	211	144	117	144	137	66.08	52.08	21
22	18.48	12.68	10.28	230 B	388	198	144	112	141	136	68.08	51.08	22
23	18.18	12.78	10.28	280 B	402	187	144	113	138	133	72.08	50.08	23
24	17.88	12.68	10.18	320 B	377	175	142	118	133	123	78.08	49.08	24
25	17.68	13.58	10.38	285 B	341	168	145	123	128	122	83.08	48.08	25
26	17.48	12.48	10.78	260 B	318	181	148	124	126	117	88.08	47.08	26
27	17.28	12.38	11.88	240 B	302	164	153	123	121	115	87.08	46.08	27
28	16.98	12.28	13.38	220 B	305	147	173	120	117	113	105 B	45.08	28
29	16.78		15.38	205 B	348	147	190	114	114	113	112 B	44.08	29
30	16.58		18.08	190 B	381	151	195	115	114	117	103 B	43.08	30
31	16.38		20.08		401		195	119		114		42.08	31
TOTAL	620.1	380.1	382.0	4 415.0	11 700	9 199	4 378	4 365	3 873	4 113	2 517.5	1 925.0	TOTAL
MEAN	20.0	13.5	11.7	147	377	307	141	141	132	133	83.9	62.1	MEAN
MAX	24.3	16.2	20.0	320	635	488	195	192	149	183	114	97.0	MAX
MIN	16.3	12.2	10.1	24.0	140	147	114	112	114	113	60.0	42.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 131
MAXIMUM DAILY 635 ON MAY 15
MINIMUM DAILY 10.18 ON MAR 24
MAXIMUM INSTANTANEOUS
649 AT 14 00 AST ON MAY 15

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 55 14 00 N
LONG 61 17 57 W
DRAINAGE AREA 7 570 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	53 600	JUL	378 000
FEB	33 700	AUG	377 000
MAR	31 300	SEP	343 000
APR	382 000	OCT	355 000
MAY	1 010 000	NOV	218 000
JUN	795 000	DEC	166 000

TOTAL DISCHARGE 4 140 000 dam³

UNKNOWN RIVER AT LEWISPORTE - STATION NO. 02YD009

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.1038	0.2108	0.1685	0.989	0.548	0.151	0.183	0.028	0.010	0.005	0.099	0.170	1
2	0.0988	0.287	0.1798	1.12	0.448	0.155	0.111	0.029	0.010	0.005	0.110	0.172	2
3	0.0948	0.2598	0.1718	1.55	0.380	0.159	0.105	0.028	0.007	0.004	0.108	0.195	3
4	0.1358	0.2398	0.1688	1.67	0.383	0.188	0.105	0.027	0.006	0.015	0.115	0.188	4
5	0.1408	0.2258	0.1608	1.86	0.330	0.172	0.094	0.027	0.005	0.023	0.118	0.190	5
6	0.1458	0.2128	0.1558	1.73	0.312	0.151	0.087	0.030	0.005	0.015	0.159	0.325	6
7	0.1538	0.2028	0.1508	1.38	0.287	0.137	0.085	0.028	0.008	0.015	0.180	0.433	7
8	0.1708	0.1828	0.1458	1.29	0.277	0.134	0.084	0.022	0.011	0.015	0.184	0.289	8
9	0.1908	0.1678	0.1408	1.46	0.232	0.137	0.082	0.021	0.007	0.013	0.188	0.404	9
10	0.1788	0.2058	0.1368	1.80	0.234	0.138	0.073	0.020	0.005	0.011	0.158	0.385	10
11	0.1708	0.287	0.1318	1.47	0.483	0.148	0.088	0.022	0.008	0.014	0.159	0.278	11
12	0.1958	0.278	0.1288	1.11	0.578	0.180	0.078	0.020	0.005	0.015	0.171	0.257	12
13	0.2208	0.268	0.1238	0.909	0.448	0.180	0.073	0.017	0.004	0.015	0.231	0.278	13
14	0.2408	0.257	0.1198	0.783	0.375	0.128	0.078	0.020	0.004	0.013	0.285	0.388	14
15	0.2258	0.2498	0.1168	1.03	0.308	0.127	0.072	0.021	0.008	0.010	0.285	0.412	15
16	0.2138	0.2348	0.182	1.36	0.254	0.130	0.070	0.019	0.005	0.010	0.2108	0.407	16
17	0.208	0.2228	0.204	1.21	0.295	0.148	0.058	0.016	0.002	0.012	0.182	0.318	17
18	0.1988	0.2128	0.227	1.37	0.297	0.141	0.054	0.016	0.005	0.008	0.235	0.282	18
19	0.1878	0.2058	0.285	1.67	0.259	0.141	0.049	0.015	0.008	0.011	0.215	0.258	19
20	0.1788	0.1868	0.320	2.31	0.238	0.131	0.044	0.012	0.006	0.012	0.215	0.224	20
21	0.1718	0.1808	0.400	1.82	0.214	0.127	0.038	0.016	0.004	0.011	0.183	0.208	21
22	0.1638	0.1828	0.440	1.48	0.226	0.117	0.037	0.017	0.004	0.012	0.181	0.200	22
23	0.1548	0.1788	0.449	1.15	0.224	0.103	0.038	0.016	0.003	0.012	0.214	0.207	23
24	0.1458	0.1688	0.489	0.987	0.242	0.100	0.035	0.015	0.003	0.011	0.216	0.199	24
25	0.224	0.2108	0.548	0.905	0.218	0.085	0.033	0.013	0.005	0.012	0.244	0.1818	25
26	0.218	0.2098	0.622	0.748	0.189	0.110	0.034	0.016	0.004	0.018	0.183	0.1648	26
27	0.2148	0.2028	0.734	0.558	0.184	0.141	0.039	0.014	0.004	0.019	0.189	0.1795	27
28	0.2048	0.1958	0.818	0.490	0.191	0.184	0.037	0.012	0.004	0.017	0.190	0.1738	28
29	0.1948		0.882	0.423	0.178	0.172	0.031	0.011	0.008	0.018	0.185	0.1698	29
30	0.1858		0.891	0.507	0.182	0.179	0.028	0.009	0.008	0.084	0.188	0.1628	30
31	0.1788		0.836		0.181		0.031	0.009		0.082		0.1758	31
TOTAL	5.590	5.159	10.485	37.539	9.085	4.200	2.024	0.585	0.187	0.517	5.533	7.835	TOTAL
MEAN	0.180	0.220	0.339	1.25	0.293	0.140	0.065	0.019	0.006	0.017	0.184	0.283	MEAN
MAX	0.240	0.287	0.891	2.31	0.578	0.198	0.183	0.030	0.011	0.082	0.2108	0.433	MAX
MIN	0.084	0.178	0.118	0.423	0.182	0.085	0.028	0.009	0.002	0.004	0.089	0.182	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0.248
MAXIMUM DAILY 2.31 ON APR 30
MINIMUM DAILY 0.002 ON SEP 17
MAXIMUM INSTANTANEOUS
2.54 AT 08 04 NST ON APR 30

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 14 02 N
LONG 55 03 58 W
DRAINAGE AREA 15.5 km²

A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	483	JUL	175
FEB	532	AUG	90.5
MAR	907	SEP	14.4
APR	3 240	OCT	44.7
MAY	786	NOV	478
JUN	383	DEC	678

TOTAL DISCHARGE 7 750 dam³

UPPER HUMBER RIVER NEAR REIDVILLE - STATION NO. 02YL001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	12.6 B	8.10B	10.6 B	89.0B	141	73.6	19.0	4.70	14.3	38.2	237	85.8	1
2	12.3 B	7.80B	10.3 B	80.0B	185	74.3	17.6	5.04	14.3	38.0	185	58.3	2
3	11.4 B	7.70B	9.88B	95.0B	187	73.2	16.3	5.86	17.3	78.4	118	79.6	3
4	11.4 B	7.50B	9.80B	126 B	155	73.0	15.8	6.48	37.5	118	91.7	89.1	4
5	11.0 B	7.30B	9.30B	160 B	137	71.7	15.6	8.05	46.5	130	75.1	77.4	5
6	10.8 B	7.10B	9.00B	220 B	132	71.0	15.1	7.14	53.4	151	85.3	83.0B	6
7	10.3 B	6.85B	8.70B	280 B	156	71.7	14.5	6.40	62.3	140	79.1	56.0B	7
8	10.0 B	6.80B	8.50B	240 B	236	70.8	13.8	5.87	84.2	110	87.5	50.0B	8
9	9.80B	6.60B	8.30B	215 B	324	67.5	12.1	5.50	80.0	86.2	78.4	45.0B	9
10	9.50B	7.80B	8.10B	185 B	306	64.5	11.7	5.14	102	71.8	88.8	41.0B	10
11	9.20B	9.30B	7.90B	163 B	259	61.5	10.5	4.89	92.8	62.9	80.8	37.5B	11
12	9.00B	10.0 B	7.70B	143 B	251	60.7	9.87	4.49	74.6	58.9	50.2	34.5B	12
13	8.80B	9.70B	7.60B	120 B	231	60.8	9.24	4.60	60.0	52.6	46.1	33.0B	13
14	9.30B	9.40B	7.40B	112	201	57.9	8.74	4.63	49.5	48.7	51.0	31.0B	14
15	10.0 B	9.10B	7.30B	102	183	54.6	8.38	4.87	44.3	44.7	48.0	29.5B	15
16	10.9 B	8.70B	7.20B	106	202	52.8	8.25	4.55	43.5	41.4	38.2	28.0B	16
17	12.0 B	8.40B	8.00B	104	261	52.5	7.80	4.50	46.8	37.2	33.8	26.8B	17
18	11.8 B	8.10B	9.20B	118	288	51.8	8.50	4.58	44.5	32.9	35.5	25.7B	18
19	11.7 B	7.80B	11.0 B	231	231	47.3	8.18	4.63	42.0	30.8	46.8	24.8B	19
20	11.5 B	7.60B	13.0 B	384	186	44.1	8.85	4.37	41.1	28.5	68.7	23.8B	20
21	11.1 B	7.20B	16.0 B	548	121	38.9	8.63	4.55	38.6	28.7	115	23.0B	21
22	10.8 B	7.00B	19.0 B	679	96.9	36.2	8.36	4.54	35.6	30.5	273	22.6B	22
23	10.5 B	8.80B	23.0 B	749	101	32.6	8.10	4.49	33.5	68.5	585	21.9B	23
24	10.1 B	9.00B	27.0 B	669	123	30.0	4.89	7.05	30.7	114	532	21.2B	24
25	9.90B	11.0 B	32.0 B	459	130	27.7	8.36	7.75	28.6	105	309	20.5B	25
26	9.75B	12.7 B	38.5 B	314	120	25.9	8.18	8.40	27.8	90.2	175	20.0B	26
27	9.30B	12.0 B	52.0 B	228	111	24.1	8.18	8.18	27.7	90.8	114	19.5B	27
28	9.00B	11.5 B	59.0 B	172	97.6	21.8	4.87	7.71	32.4	85.6	83.5	18.0B	28
29	8.80B		70.0 B	135	89.6	21.0	5.08	7.54	37.1	96.3	75.4	16.5B	29
30	8.60B		69.0 B	117	85.7	19.6	4.85	8.18	39.8	149	64.0	16.0B	30
31	8.30B		86.0 B		80.6		4.42	13.1		278		17.8B	31
TOTAL	319.95	238.95	650.39	7 324.0	5 397.4	1 533.7	288.21	192.57	1 382.5	2 540.6	3 875.0	1 127.8	TOTAL
MEAN	10.3	8.53	21.0	244	174	51.1	9.30	6.21	46.4	82.0	129	36.4	MEAN
MAX	12.6	12.7	70.0	749	324	74.3	19.0	13.1	102	278	585	89.1	MAX
MIN	8.30	6.80	7.20	89.0	80.6	19.6	4.42	4.37	14.3	28.7	33.8	17.8	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 88.1
MAXIMUM DAILY, 749 ON APR 23
MINIMUM DAILY, 4.37 ON AUG 20
MAXIMUM INSTANTANEOUS,
782 AT 21:34 NST ON APR 23

TYPE OF GAUGE - RECORDING
LOCATION - LAT 49 14 26 N
LONG 57 21 45 W
DRAINAGE AREA, 2 110 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	27 600	JUL	24 900
FEB	20 600	AUG	16 600
MAR	56 200	SEP	118 000
APR	633 000	OCT	220 000
MAY	466 000	NOV	335 000
JUN	133 000	DEC	97 400

TOTAL DISCHARGE, 2 150 000 dam³

VIRGINIA RIVER AT CARTWRIGHT PLACE - STATION NO 022MO19

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.078	0.150B	0.088B	0.504	1.01	0.078	0.050	0.085	0.024E	0.138	0.145	0.148	1
2	0.070B	0.575	0.081B	0.812	0.637	0.098	0.047	0.062	0.039	0.156	0.172	0.874	2
3	0.064B	0.867	0.075B	1.89	0.434	0.098	0.042	0.087	0.027	0.144	0.154	0.526	3
4	0.110B	0.567	0.070B	1.80	0.337	0.095	0.041	0.074	0.030	0.184	0.145	0.443	4
5	0.192	0.397	0.065B	1.19	0.286	0.085	0.078	0.076	0.034	0.158	0.126	0.453	5
6	0.156	0.275	0.061B	0.833	0.244	3.077	0.126	0.075	0.034	0.147	0.161	0.388	6
7	0.133	0.220	0.058B	0.640	0.219	0.071	0.178	0.076	0.039	0.126	0.226	0.577	7
8	0.194	0.170B	0.055B	1.29	0.214	0.080	0.167	0.079	0.041	0.117	0.226	0.384	8
9	0.287	0.145B	0.052B	1.87	0.223	0.091	0.118	0.080	0.053	0.147	0.192	0.281	9
10	0.248	0.130B	0.049B	1.43	0.532	0.105	0.094	0.087	0.044	0.153	0.199	0.215	10
11	0.193	0.150B	0.047B	0.908	0.912	0.103	0.084	0.078	0.042E	0.152	0.178	0.183	11
12	0.342	0.185B	0.045B	0.532	0.543	0.092	0.086	0.068	0.038E	0.142	0.268	0.167	12
13	0.398	0.162B	0.043B	0.384	0.337	0.078	0.082	0.062	0.035E	0.132	0.868	0.411	13
14	0.294	0.141B	0.041B	0.320	0.255	0.072	0.081	0.063	0.057E	0.129	0.417	0.308	14
15	0.220	0.128B	0.040B	0.385	0.215	0.085	0.083	0.067	0.095E	0.126	0.298	0.485	15
16	0.160B	0.115B	0.140B	0.662	0.184	0.087	0.088	0.055	0.084E	0.127	0.262	0.335	16
17	0.130B	0.107B	0.492	0.556	0.224	0.084	0.088	0.057	0.082E	0.116	0.197	0.260B	17
18	0.111B	0.098B	0.551	0.826	0.283	0.082	0.088	0.055	0.137E	0.112	0.184	0.221B	18
19	0.094B	0.092B	0.881	1.79	0.210	0.081	0.072	0.138	0.130E	0.109	0.188	0.190B	19
20	0.085B	0.088B	1.52	1.23	0.161	0.087	0.073	0.094	0.118E	0.115	0.192	0.188B	20
21	0.078B	0.080B	1.70	0.766	0.184	0.084	0.089	0.091	0.104E	0.115	0.177	0.148B	21
22	0.068B	0.075B	1.40	0.831	0.154	0.048	0.087	0.089	0.097E	0.132	0.243	0.135B	22
23	0.063B	0.072B	1.03	0.663	0.153	0.047	0.084	0.084	0.089E	0.117	0.378	0.122B	23
24	0.140B	0.068B	0.728	0.424	0.153	0.085	0.076	0.092	0.080E	0.119	0.303	0.112B	24
25	0.300B	0.080B	0.530	0.530	0.133	0.052	0.070	0.078	0.121A	0.114	0.255	0.107B	25
26	0.240B	0.110B	0.415	0.472	0.104	0.082	0.072	0.085	0.124	0.139	0.225	0.088B	26
27	0.160B	0.102B	0.389	0.343	0.085	0.047	0.070	0.068	0.112	0.175	0.194	0.095B	27
28	0.155B	0.094B	0.403	0.275	0.085	0.048	0.086	0.053	0.115	0.138	0.163	0.091	28
29	0.130B		0.714	0.232	0.081	0.047	0.085	0.068	0.116	0.101	0.147	0.084	29
30	0.120B		0.703	0.476	0.080	0.048	0.053	0.038	0.113	0.109	0.137	0.104	30
31	0.110B		0.647		0.075		0.083	0.028		0.105		0.101	31
TOTAL	5.145	5.263	13.073	24.898	8.748	3.087	2.352	2.131	2.280	4.072	5.797	5.916	TOTAL
MEAN	0.166	0.188	0.422	0.830	0.282	0.070	0.076	0.069	0.076	0.131	0.227	0.288	MEAN
MAX	0.398	0.867	1.70	1.87	1.01	0.105	0.178	0.138	0.137	0.175	0.868	0.874	MAX
MIN	0.063	0.068	0.040	0.232	0.075	0.048	0.041	0.028	0.024	0.101	0.126	0.084	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.235
MAXIMUM DAILY, 1.87 ON APR 9
MINIMUM DAILY, 0.024E ON SEP 1
MAXIMUM INSTANTANEOUS,
2.53 AT 20:10 NST ON APR 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 38 08 N
LONG 52 42 06 W
DRAINAGE AREA, 8.55 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	445	JUL	203
FEB	455	AUG	164
MAR	1 130	SEP	195
APR	2 150	OCT	352
MAY	756	NOV	587
JUN	181	DEC	770

TOTAL DISCHARGE, 7 410 dam³

REMARKS - THE "E" FOR DISCHARGES BELOW 0.025 m³/s IS DUE TO STAGE DISCHARGE CURVE EXTENSION

VIRGINIA RIVER AT PLEASANTVILLE - STATION NO. 02ZM015

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.1808	0.2758	0.1578	1.24	2.14	0.170	0.081	0.114	0.078	0.260E	0.358	0.280E	1
2	0.1818	1.10 B	0.1468	1.77	1.13	0.188	0.075	0.100	0.187	0.250E	0.328	1.31 E	2
3	0.1478	1.38	0.1398	5.12	0.785	0.184	0.094	0.268	0.081	0.270E	0.288	1.27 E	3
4	0.2308	1.06	0.1318	3.81	0.549	0.203	0.078	0.152	0.087	0.300E	0.268	0.880E	4
5	0.301	0.718	0.1248	2.58	0.557	0.186	0.378	0.131	0.099	0.292E	0.248	0.800E	5
6	0.221	0.541	0.1188	2.27	0.468	0.151	0.342	0.128	0.081	0.270E	0.478	1.85 E	6
7	0.1808	0.467	0.1118	1.81	0.413	0.137	0.254	0.119	0.095	0.260E	0.480	1.05 E	7
8	0.3508	0.3608	0.1068	3.53	0.435	0.148	0.203	0.113	0.111	0.220E	0.417	0.880E	8
9	0.531	0.3058	0.1018	4.35	0.486	0.178	0.183	0.122	0.100	0.260E	0.348	0.530E	9
10	0.391	0.2608	0.0978	2.91	1.42	0.188	0.138	0.122	0.098	0.290E	0.383	0.430E	10
11	0.288	0.3058	0.0928	1.65	1.93	0.188	0.118	0.098	0.085	0.272E	0.337	0.385E	11
12	0.4608	0.3708	0.0888	1.08	1.05	0.142	0.104	0.081	0.081	0.260E	0.840	0.370E	12
13	0.767	0.3408	0.0848	0.808	0.888	0.131	0.112	0.072	0.077	0.250E	1.63	0.800E	13
14	0.535	0.2908	0.0818	0.712	0.524	0.137	0.105	0.073	0.070	0.240E	0.879	1.02 E	14
15	0.401	0.2558	0.0788	0.980	0.442	0.127	0.112	0.078	0.193	0.231E	0.675	0.870E	15
16	0.3158	0.2328	0.2658	1.50	0.385	0.120	0.118	0.075	0.189	0.233E	0.555	0.780E	16
17	0.2858	0.2158	0.898	1.18	0.882	0.112	0.117	0.078	0.186	0.218E	0.387	0.610E	17
18	0.2188	0.2008	1.17	1.61	0.544	0.087	0.122	0.073	0.281	0.208E	0.357A	0.520E	18
19	0.1838	0.1888	2.65	3.86	0.410	0.095	0.108	0.412	0.285	0.202E	0.383E	0.470E	19
20	0.1658	0.1758	4.30	2.42	0.351	0.094	0.110	0.138	0.189	0.212E	0.370E	0.420E	20
21	0.1488	0.1658	4.34	1.52	0.385	0.089	0.098	0.118	0.179	0.222E	0.350E	0.380E	21
22	0.1328	0.1558	3.17	1.92	0.301	0.083	0.103	0.112	0.184	0.242E	0.440E	0.345E	22
23	0.1208	0.1478	2.14	1.18	0.288	0.080	0.100	0.104	0.138	0.212E	0.730E	0.320E	23
24	0.3408	0.1388	1.51	0.808	0.285	0.083	0.108	0.188	0.140	0.220E	0.690E	0.287E	24
25	0.720	0.1308	1.08	1.12	0.254	0.084	0.118	0.118	0.131A	0.215E	0.600E	0.280E	25
26	0.493	0.1938	0.823	0.828	0.215	0.079	0.104	0.089	0.127A	0.260E	0.425E	0.260E	26
27	0.3758	0.1838	0.800	0.632	0.225	0.078	0.113	0.085	0.145E	0.320E	0.370E	0.2479	27
28	0.3058	0.1708	1.15	0.533	0.189	0.083	0.102	0.079	0.171E	0.228A	0.320E	0.2318	28
29	0.2558		1.87	0.468	0.185	0.079	0.111	0.084	0.220E	0.226	0.290E	0.227	29
30	0.2188		1.73	1.42	0.179	0.083	0.103	0.085	0.235E	0.252	0.270E	0.260	30
31	0.1908		1.28		0.186		0.132	0.088		0.231		0.258	31
TOTAL	8.596	10.278	31.139	55.748	18.075	3.839	4.120	3.681	4.242	7.648	14.367	18.700	TOTAL
MEAN	0.310	0.367	1.00	1.86	0.583	0.128	0.133	0.119	0.141	0.247	0.478	0.603	MEAN
MAX	0.767	1.38	4.34	5.12	2.14	0.203	0.378	0.412	0.281	0.320	1.63	1.95	MAX
MIN	0.120	0.130	0.078	0.468	0.186	0.078	0.078	0.072	0.070	0.202	0.248	0.227	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.497
MAXIMUM DAILY, 5.12 ON APR 3
MINIMUM DAILY, 0.070 ON SEP 14
MAXIMUM INSTANTANEOUS,
5.01 AT 14:15 NST ON APR 3

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 35 25 N
LONG 52 41 28 W
DRAINAGE AREA, 10.7 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	829	JUL	356
FEB	888	AUG	318
MAR	2 690	SEP	307
APR	4 820	OCT	661
MAY	1 560	NOV	1 240
JUN	332	DEC	1 620

TOTAL DISCHARGE, 15 700 dam³

WATERFORD RIVER AT KILBRIDE - STATION NO. 02ZM006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1 36	1 00 B	0.9758	5 54	12.4	0.811	0.372	0 312	0.225	1.83	1.85	1.86	1
2	1 13 B	8 00 B	0.8268	19.7	8.54	0.933	0.337	0 282	0 720	1.30	1.89	7.37	2
3	0.9708	7.57	0 8758	27.1	4.10	0.830	0.284	1 29	0 420	0.846	1.23	5 16	3
4	1 50 B	5 77	0.8398	20 2	3.58	0.881	0.270	0 680	0 291	1 18	1.23	3.02	4
5	2 38	4 33	0 7958	13.0	3.03	0.820	1.80	0 487	0 357	0 875	1.06	5 14	5
6	1 94	3 30	0 7858	10 7	2.55	0 782	2 31	0 382	0.303	0 884	2.37	9.02	6
7	1 70 B	2 75	0.7358	8.87	2.27	0.732	1 15	0 307	0.293	0 634	2.11	4.19	7
8	2 50 B	2 19	0.7058	14.1	2.15	0 785	0 784	0.298	0.369	0 830	1.51	2.92	8
9	3.67	1.80 B	0.6758	17.4	2.50	0 798	0 694	0.288	0.395	1.02	1.40	1.87	9
10	2.56	1 57 B	0.6508	11.9	7.82	0.817	0.522	0 217	0.333	0.730	1.38	1.64	10
11	2 16	3 84	0 6208	7.19	5.84	0.685	0.498	0.226	0.273	0.680	1.20	1.63	11
12	3 00 B	3.29	0.5958	5.36	4.30	0.551	0.442	0.247	0.263	0.534	3.22	1.83	12
13	4 23	2 69	0.5758	4.44	2.98	0.844	0.392	0.276	0.249	0.485	8.55	4.28	13
14	2 98	2 12	0.5558	3.87	2.35	0.575	0.356	0.278	0.230	0.459	3.04	5.62	14
15	2 46	1 80 B	0 5408	5.25	2.00	0.528	0.374	0 285	0 815	0 419	2.51	4 12	15
16	1 62 B	1 61 B	1 40 B	7.30	1.77	0.562	0.401	0.277	0 790	0.452	2 04	2.69	16
17	1.39 B	1 47 B	5.29	5.59	3 16	0 821	0.373	0.271	0 434	0 413	1.67	1.85	17
18	1 27 B	1 31 B	6 30	7 13	2.81	0 495	0 315	0 278	0 939	0 378	1 38	1 58	18
19	1 13 B	1 20 B	14 7	13.5	2.00	0 432	0 306	0 345	0 886	0 390	1 88	1.39 B	19
20	1 00 B	1 10 B	17 4	9.21	1.88	0 383	0 298	0 227	0 884	0.407	1.39	1.23 B	20
21	0.8808	1 00 B	17 1	8.86	1.70	0.387	0.282	0.248	0.858	0.337A	1.26	1.12 B	21
22	0.7808	0.9308	13.8	9.81	1.43	0.348	0.285	0.299	0.516	1.29 A	3.41	1.02 B	22
23	0.7008	0.8708	8.78	5.68	1.56	0.341	0.241	0.246	0.458	1.42 A	3.77	0.9808	23
24	1.85 B	0.8008	7.26	4.50	1.40	0.360	0.249	0 739	0.387	0.874	2.21	0.9008	24
25	4 95	0 8408	5.89	5.42	1.26	0.364	0.313	0.341	0.351	0.722	1.73	0.8508	25
26	3.54	1 18 B	5 10	4.55	1.15	0.384	0.384	0.251	1.12	1 88	1.87	0.8208	26
27	2.28	1.10 B	5 04	3.50	1.11	0.348	0.428	0.262	1.06	1 84	1.34	0.7908	27
28	1.78 B	1.01 B	7.23	2.84	1.12	0.319	0 307	0.282	0.960	0.894	1 13	0.7608	28
29	1 46 B		9.22	2.43	1.20	0.328	0.255	0.258	0.576	0.835	1.00	0.7408	29
30	1 29 B		8.82	8.62	1.02	0.328	0.254	0.255	0.508	1.12	0.948	0.6808	30
31	1.11 B		5 78		0.911		0.400	0.267		0.827		1.08	31
TOTAL	81.590	66 550	146.524	264.57	81.811	17.042	15.576	10.612	15.844	26.086	58.848	77.920	TOTAL
MEAN	1 99	2.38	4 79	8 82	2.95	0.568	0.502	0.342	0.528	0.842	1 95	2.51	MEAN
MAX	4.95	8 00	17.4	27.1	12.4	0.933	2.31	1 29	1.12	1.88	8.55	9.02	MAX
MIN	0.700	0.800	0.540	2 43	0.811	0.319	0.241	0.217	0.225	0.337	0.948	0.740	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.34
MAXIMUM DAILY, 27.1 ON APR 3
MINIMUM DAILY, 0.217 ON AUG 10
MAXIMUM INSTANTANEOUS,
31 1 AT 15:51 NST ON APR 3

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 31 47 N
LONG 52 44 34 W
DRAINAGE AREA, 52.7 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 320	JUL	1 350
FEB	5 780	AUG	817
MAR	12 800	SEP	1 370
APR	22 800	OCT	2 250
MAY	7 830	NOV	5 070
JUN	1 470	DEC	6 730

TOTAL DISCHARGE, 73 800 dam³

NEWFOUNDLAND AND LABRADOR

WATERFORD RIVER AT MOUNT PEARL - STATION NO. 02ZH010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.2238	0.2508	0.2658	2.10	4.12	0.588	0.338	0.148	0.158	0.502	0.581	0.795	1
2	0.2128	3.20 E	0.2368	3.65	1.81	0.608	0.258	0.148	0.243	0.401	0.538	2.05	2
3	0.2008	1.86	0.2158	9.11	1.27	0.810	0.192	0.382	0.208	0.302	0.421	1.58	3
4	0.841	1.26	0.2008	6.65	1.11	0.583	0.162	0.269	0.176	0.358	0.381	1.04	4
5	0.457	0.887	0.1808	4.33	0.891	0.535	0.884	0.220	0.162	0.297	0.371	1.87	5
6	0.385	0.856	0.1768	3.88	0.734	0.448	1.25	0.208	0.184	0.273	0.678	3.31	6
7	0.334	0.584	0.1688	3.08	0.633	0.441	0.780	0.190	0.168	0.258	0.627	1.48	7
8	0.584	0.464	0.1598	4.84	0.617	0.475	0.476	0.180	0.192	0.257	0.529	1.08	8
9	0.743	0.382	0.1528	5.93	0.554	0.475	0.382	0.175	0.184	0.351	0.479	0.758	9
10	0.475	0.582	0.1468	4.18	2.78	0.479	0.253	0.180	0.171	0.293	0.488	0.688	10
11	0.401	0.785	0.1428	2.30	2.88	0.457	0.180	0.185	0.163	0.281	0.423	0.571	11
12	0.5808	0.710	0.1388	1.83	1.59	0.403	0.183	0.185	0.184	0.250	1.74	0.579	12
13	0.753	0.640	0.1388	1.41	1.10	0.373	0.163	0.188	0.153	0.215	1.88	1.08	13
14	0.580	0.4508	0.1328	1.20	0.797	0.384	0.181	0.179	0.128	0.214	0.910	1.62	14
15	0.475	0.3908	0.1308	1.71	0.635	0.387	0.175	0.170	0.284	0.218	0.743	1.34	15
16	0.438	0.3488	0.3008	2.42	0.575	0.410	0.174	0.159	0.285	0.206	0.573	1.03	16
17	0.3808	0.3108	1.17	1.77	0.959	0.382	0.178	0.161	0.189	0.189	0.481	0.719	17
18	0.3408	0.2808	1.55	2.18	0.650	0.396	0.166	0.150	0.302	0.203	0.411	0.652	18
19	0.3058	0.2558	4.18	4.43	0.517	0.372	0.173	0.154	0.319	0.200	0.489	0.674	19
20	0.2808	0.2408	5.34	3.14	0.518	0.347	0.155	0.146	0.250	0.185	0.417	0.818	20
21	0.2608	0.2258	5.89	2.35	0.483	0.348	0.158	0.153	0.217	0.183	0.390	0.600	21
22	0.2408	0.2158	4.18	3.18	0.391	0.355	0.158	0.150	0.184	0.320	1.04	0.533	22
23	0.2308	0.2058	2.75	1.68	0.447	0.377	0.180	0.140	0.192	0.420	1.20	0.532	23
24	0.4508	0.2008	1.98	1.47	0.405	0.367	0.141	0.248	0.189	0.285	0.784	0.487	24
25	1.14	0.2508	1.67	2.17	0.380	0.385	0.158	0.188	0.180	0.284	0.594	0.445	25
26	0.585	0.331	1.67	1.48	0.305	0.428	0.180	0.150	0.345	0.592	0.592	0.405	26
27	0.481	0.296	1.55	1.14	0.305	0.388	0.187	0.143	0.342	0.509	0.489	0.371	27
28	0.3608	0.2758	2.35	0.878	0.311	0.306	0.185	0.144	0.331	0.331	0.406	0.358	28
29	0.3358		2.93	0.680	0.340	0.301	0.147	0.157	0.237	0.277	0.372	0.348	29
30	0.3008		2.15	3.28	0.405	0.298	0.145	0.171	0.222	0.381	0.342	0.359	30
31	0.2658		1.89		0.570		0.194	0.155		0.354		0.428	31
TOTAL	13.433	16.497	43.826	87.788	29.574	12.897	8.252	5.578	5.501	9.339	19.291	28.376	TOTAL
MEAN	0.433	0.589	1.40	2.93	0.954	0.423	0.288	0.180	0.217	0.301	0.843	0.915	MEAN
MAX	1.14	3.20	5.89	9.11	4.12	0.810	1.25	0.382	0.345	0.592	1.88	3.31	MAX
MIN	0.200	0.200	0.130	0.680	0.305	0.298	0.141	0.140	0.128	0.183	0.342	0.348	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.789
MAXIMUM DAILY, 9.11 ON APR 3
MINIMUM DAILY, 0.128 ON SEP 14
MAXIMUM INSTANTANEOUS,
10.4 AT 15:13 NST ON APR 3

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 31 20 N
LONG 52 48 25 W
DRAINAGE AREA, 16.6 km²

E - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 160	JUL	713
FEB	1 430	AUG	482
MAR	3 780	SEP	582
APR	7 580	OCT	807
MAY	2 550	NOV	1 670
JUN	1 100	DEC	2 450

TOTAL DISCHARGE 24 300 dam³

AROOSTOOK RIVER NEAR TINKER - STATION NO. 01AE003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	55.1	37.88	20.88	800 B	89.7	55.6	50.4	17.3	14.7 E	30.3	71.4	84.1	1
2	43.0	33.28	21.48	1 240	110	51.6	38.9	17.0	9.30E	22.0	48.0	151	2
3	40.2	30.08	19.78	1 320	104	37.6	32.5	19.1	5.18E	42.0	80.4	133	3
4	48.4	30.88	20.88	1 230	95.8	31.2	32.3	18.8	8.03E	53.7	74.8	177	4
5	38.2	31.08	17.78	957	95.1	28.8	27.5	19.7	8.24E	84.4	86.1	198	5
6	43.3	35.28	17.88	740	84.4	42.3	41.0	16.0	16.7 E	94.1	89.3	169 B	6
7	42.0	27.88	22.78	885	86.3	58.8	38.9	17.6	6.26E	88.1	80.4	147 B	7
8	47.8	30.78	19.28	853	109	40.8	46.5	15.2	5.48E	89.6	72.5	124 B	8
9	41.1	27.78	18.28	856	106	38.7	18.0	5.13	8.05E	86.0	86.7	114 B	9
10	46.7	34.18	16.18	803	103	42.8	30.9	14.8	16.6 E	89.9	89.2	115 B	10
11	34.1	41.48	20.88	477	75.6	54.6	16.3	16.8	21.8 E	82.0	45.1	113 B	11
12	44.4	10.38	17.88	424	74.0	70.4	25.8	15.3	24.2 E	83.7	48.5	101 B	12
13	29.2	22.78	17.58	407	62.1	76.3	25.7	14.2	28.6 E	46.3	34.4	90.28	13
14	37.5	25.48	18.68	385	62.8	61.6	30.9	13.2	25.8 E	43.1	45.6	22.58	14
15	41.0	26.48	16.18	322	54.3	65.5	28.0	9.60	44.4 E	50.0	49.2	57.48	15
16	47.6	27.58	16.48	283	59.2	61.1	23.1	11.8	52.7 A	36.4	36.0	50.7	16
17	38.7	33.78	13.88	282	67.9	58.1	21.0	11.3	56.7	30.2	34.8	46.8	17
18	33.1	32.28	14.18	233	60.4	42.8	21.8	11.8	30.2	24.7	52.6	42.1	18
19	40.38	30.38	18.88	232	50.7	37.4	17.3	23.8	32.4	34.3	58.1	42.18	19
20	47.08	29.58	11.88	217	46.7	32.0	18.0	0.459	24.3	32.5	59.9	45.28	20
21	30.4	32.88	15.58	186	43.3	27.9	13.8	8.72	34.4	31.0	41.8	49.88	21
22	38.08	16.48	16.88	178	37.7	21.8	16.5	7.78	58.1	28.5	47.9	48.7	22
23	39.08	32.48	33.38	157	39.3	20.7	18.0	7.40	80.6	30.9	28.3	58.3	23
24	37.88	30.68	25.68	152	37.6	21.1	25.5	10.3	66.8	38.2	38.6	52.6	24
25	31.88	32.08	47.28	111	36.9	20.4	45.7	16.8	89.4	40.0	44.6	58.2	25
26	34.68	20.38	70.28	102	37.4	17.5	38.5	13.2	61.0	54.8	36.8	58.88	26
27	39.78	15.28	107 B	80.6	38.1	20.3	26.6	0.337	57.6	82.7	28.6	38.58	27
28	28.18	16.78	138 B	83.0	30.2	29.7	21.2	0.140	41.3	86.4	30.7	40.58	28
29	46.18		157 B	104	30.3	48.3	18.9	0.128	42.0	75.6	24.3	37.88	29
30	31.88		246	110	28.6	51.5	21.4	0.127	31.4	68.7	42.0	46.58	30
31	29.38		314 B		29.6		21.1	8.50 A		82.7		43.48	31
TOTAL	1 222.8	737.8	1 528.2	13 481.8	2 002.7	1 287.5	848.5	380.832	1 018.27	1 883.8	1 805.8	2 583.8	TOTAL
MEAN	39.4	26.4	49.3	468	64.6	42.3	27.3	11.8	33.9	54.3	50.3	82.4	MEAN
MAX	55.1	41.4	314	1 320	110	76.3	50.4	23.8	90.6	94.1	89.3	198	MAX
MIN	28.1	10.3	11.8	83.0	29.6	17.5	13.8	0.127	8.18	22.0	24.3	22.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 77.2
MAXIMUM DAILY, 1 320 ON APR 3
MINIMUM DAILY, 0.127 ON AUG 30
MAXIMUM INSTANTANEOUS,
1 370 AT 17:22 AST ON APR 3

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 46 52 N
LONG 67 46 16 W
DRAINAGE AREA, 5 080 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	105 000	JUL	73 100
FEB	83 700	AUG	31 200
MAR	132 000	SEP	88 000
APR	1 180 000	OCT	145 000
MAY	173 000	NOV	130 000
JUN	110 000	DEC	221 000

TOTAL DISCHARGE, 2 430 000 dam³

BARNABY RIVER BELOW SEMIWAGAN RIVER - STATION NO. 01BD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.098	1 608	1.11 B	43.08	33.0	2.08	1 22	1 83	0.440	2 67	5.80E	26 2	1
2	2.008	1 598	1 10 B	52.88	21 5	2.90	0 898	1.85	0.435	12.7	4.80E	50 3	2
3	2 188	1.578	1 08 B	62.38	18 6	2.48	0 686	1.72	0.365	13.9	4.30E	32 9	3
4	2 268	1 638	1.08 B	77.08	15 6	3.35	0 542	1 76	0.350	11.2	4 80A	20.9	4
5	2 168	1 528	1 07 B	83.5	12 8	1.84 A	0 483	1 80	0 382	12 1	5.04	18.8	5
6	2 108	1 508	1.05 B	79 4	11.8	2.35 E	0 455	1 54	0 429	10.3	8.23	13.3	6
7	2.038	1 498	1 04 B	81 5	12.8	3 00 E	0 446	1 53	0 432	9.22	5 08	12.2	7
8	2.008	1 468	1.03 B	76 1	13 0	2.90 E	0.465	1.21	0.405	7.52	4.61	11.7	8
9	1 868	1 458	1 01 B	83.4	11 2	2.80 E	0.377	0.885	0.552	9.08	4 15	10.7	9
10	1 818	1 438	1.00 B	57.5	9 39	3 20 E	0 350	0.829	1.29	7.84	4 03	8.99	10
11	1 898	1.428	0.9868	85.1	7 71	3.35 E	0.449	0.844	2.00	5.95	3.88B	7 15	11
12	1 838	1 408	0 9708	86.7	8.80	2.85 E	0.443	0.887	2.10	4 80	3 708	5 75	12
13	1 808	1 388	0.9808	89.7	8 82	2.35 E	0 424	0 714	2 15	4 27	3.658	5.808	13
14	1 758	1.388	0 9508	90.8	4 89	2.32 E	0 448	0.742	2.14	3.85	3.408	5.208	14
15	1 728	1 368	0 9408	63.8	4 49	2.38 E	0 849	0 855	2.21	3.62	3 308	4 908	15
16	1 698	1 338	0 9408	62.8	5 50	1 80 E	0.545	0.883	2.20	3 40	3 208	4 858	16
17	1 678	1 318	0 9308	63.1	5 82	1 62 E	0.486A	0.729	1 90	3 02	3 088	4 488	17
18	1 628	1 288	0 9208	80.0	4 72	1 50 E	0.440E	0.787	1 94	2 82	4 88	4 258	18
19	1 608	1 288	0 9208	84.3	4 43	1 38 A	0.400E	0.712	2.07	2 68A	8.38	4.088	19
20	1 868	1 278	0 9108	82 9	4 08	1.28	0.380E	0.884	2.04	2 68E	8.41	3 808	20
21	1 848	1.248	1 10 B	67 8	3 88	1 08	0 410E	0.758	1.87	2 60E	18.0	3.858	21
22	1 808	1.228	1 40 B	60.1	3 88	0.927	0 420E	0.883	1.86	2 48E	18.2	3.508	22
23	1 478	1 218	1 70 B	50.8	3 70A	0.834	0.488A	0 883	1.72	2 46E	10 9 B	3.308	23
24	1 888	1.188	2 50 B	24.9	3 60E	0.889	0 489	0.827	1.75	2.39E	8 008	3 158	24
25	1 728	1 188	4 20 B	22 1	3 32E	0 765	1 01	0 858	1 86	2 80E	7 008	3.038	25
26	1.788	1.188	5 60 B	17 8	3 24A	0 832	3.35	0.448	1.75	5 80E	6 408	2 888	26
27	1 728	1 158	8 80 B	14 6	2 83	0.671	7 44	0 497	1 78	5 19A	5 858	2 758	27
28	1 708	1.138	11 0 B	12.2	2 36	0 537	5 47	0 513	1 76	4 40E	5 358	2 888	28
29	1 688		15 0 B	12.2	2 01	1.54	3 75	0 498	1 33	3.30E	4 908	2 588	29
30	1 678		24 0 B	16 4	1 85	1 67	2 80	0 471	0 915	9 20E	4 808	2 488	30
31	1.648		34.0 B		1 85		2 14	0 491		7.20E		2 408	31
TOTAL	55 81	38.07	130.118	1 467.8	238 65	55 585	38.051	28.320	42.236	186.10	182.99	285 71	TOTAL
MEAN	1 80	1 36	4 20	48 9	7 83	1.89	1.23	0.914	1.41	6.00	6.10	9.22	MEAN
MAX	2 28	1 80	34.0	83 5	33 0	3 35	7 44	1 83	2.21	13.9	18.2	50.3	MAX
MIN	1.47	1 13	0.910	12.2	1 88	0.671	0 350	0.448	0 350	2.38	3 08	2 40	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7 83
MAXIMUM DAILY, 83.5 ON APR 5
MINIMUM DAILY, 0.350 ON JUL 10
MAXIMUM INSTANTANEOUS,
87 7 AT 02:20 AST ON APR 5

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 53 19 N
LONG 65 35 44 W
DRAINAGE AREA, 484 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 820	JUL	3 280
FEB	3 280	AUG	2 450
MAR	11 200	SEP	3 860
APR	127 000	OCT	18 100
MAY	20 400	NOV	15 800
JUN	4 890	DEC	24 700

TOTAL DISCHARGE, 236 000 dam³

BARTIBOG RIVER BELOW HIGHWAY NO. 8 - STATION NO. 01BB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.509	1.439	1.229	33.08	13.1	3.07	2.49	2.40	1.17	3.77	4.84	33.7	1
2	2.458	1.419	1.219	35.08	12.0	2.81	2.10	2.41	1.21	7.80	4.14	52.4	2
3	2.385	1.399	1.209	32.08	11.1	2.56	1.88	2.22	1.20	6.06	3.76	35.1	3
4	2.328	1.378	1.199	44.08	9.88	2.44	1.76	2.89	1.19	5.88	3.83	18.3	4
5	2.258	1.359	1.189	42.8	8.84	2.82	2.03	2.84	1.14	5.33	5.89	13.2	5
6	2.198	1.338	1.178	38.7	8.26	2.91	1.90	2.53	0.884	5.09	5.99	10 6	6
7	2.129	1.328	1.168	43.4	10.6	3.10	1.82	2.18	0.943	4.17	4.90	9.02	7
8	2.068	1.318	1.158	40.4	10.8	2.70	1.53	1.95	0.981	5.05	4.338	8.88	8
9	2.018	1.308	1.148	31.1	9.14	2.49	1.43	1.71	1.53	5.58	3.918	7.54	9
10	1.978	1.298	1.128	31.1	7.87	2.47	1.84	1.74	3.25	5.80	3.438	6.89	10
11	1.928	1.288	1.108	35.5	7.18	2.48	1.85	1.80	2.44	4.88	3.078	5.49	11
12	1.888	1.268	1.088	36.2	6.72	2.38	1.50	1.76	1.85	4.29	2.998	5.42	12
13	1.848	1.248	1.068	31.7	6.22	2.43	1.41	1.54	1.58	3.92	2.848	5.90	13
14	1.808	1.228	1.058	27.7	5.62	2.27	1.37	1.42	3.02	3.54	2.738	5.50	14
15	1.768	1.208	1.048	25.9	5.32	2.50	1.41	1.48	4.53	3.24	2.548	5.208	15
16	1.728	1.188	1.108	25.7	5.98	2.46	1.53	1.56	2.99	3.09	2.818	4.988	16
17	1.698	1.178	1.208	25.8	5.44	2.00	1.43	1.72	2.18	2.87	3.548	4.788	17
18	1.868	1.168	1.108	29.5	4.99	1.83	1.32	1.84	1.88	2.71	3.388	4.538	18
19	1.828	1.158	1.408	38.8	4.72	1.87	1.13	1.57	1.72	2.94	2.878	4.338	19
20	1.808	1.148	1.508	34.8	4.50	1.89	1.07	1.41	1.49	2.78	2.688	4.188	20
21	1.688	1.138	1.808	28.6	4.20	1.82	1.08	1.34	1.50	2.67	4.818	4.008	21
22	1.658	1.128	1.708	25.8	4.00	1.81	1.18	1.28	2.25	2.58	4.318	3.888	22
23	1.858	1.118	2.008	30.5	4.07	1.73	1.23	1.44	2.84	2.43	3.898	3.718	23
24	1.828	1.108	2.208	17.3	3.83	1.82	1.24	1.42	2.37	2.30	3.548	3.538	24
25	1.898	1.098	3.008	14.9	3.81	1.72	1.75	1.27	2.02	2.70	3.488	3.488	25
26	1.578	1.128	4.208	12.7	3.42	1.58	3.90	1.34	1.81	5.08	2.998	3.318	26
27	1.558	1.198	5.008	11.1	3.24	1.88	9.79	1.28	1.79	4.44	2.768	3.218	27
28	1.528	1.228	6.408	10.2	3.14	4.48	5.02	1.28	1.88	3.80	2.698	3.108	28
29	1.488		12.5 B	10.0	3.08	6.11	3.43	1.28	1.50	5.53	3.858	3.008	29
30	1.478		11.8 B	11.4	2.98	2.87	2.85	1.32	1.80	6.60	4.738	2.928	30
31	1.458		15.0 B		3.18		2.36	1.26		5.33		2.838	31
TOTAL	58.79	34.58	91.97	835.2	196.94	73.10	86.24	53.33	66.376	133.85	111.00	272.93	TOTAL
MEAN	1.83	1.24	2.97	27.8	6.35	2.44	2.14	1.72	1.88	4.32	3.70	8.80	MEAN
MAX	2.50	1.43	15.0	44.0	13.1	4.48	9.79	2.89	4.53	7.80	5.99	52.4	MAX
MIN	1.45	1.08	1.04	10.0	2.98	1.88	1.07	1.26	0.943	2.30	2.64	2.83	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.43
MAXIMUM DAILY, 52.4 ON DEC 3
MINIMUM DAILY, 0.943 ON SEP 7
MAXIMUM INSTANTANEOUS,
89.0 AT 01:53 AST ON DEC 2

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 11 27 N
LONG 65 23 51 W
DRAINAGE AREA, 318 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	4 910	JUL	5 720
FEB	2 990	AUG	4 610
MAR	7 950	SEP	4 870
APR	72 200	OCT	11 500
MAY	17 000	NOV	9 590
JUN	8 320	DEC	23 600

TOTAL DISCHARGE, 171 000 dam³

BASS RIVER AT BASS RIVER STATION NO 01BL001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.3308	0.2388	0.2248	35.0 B	6.18	0.288	0.135	0.110	0.089	0.087	0.700	5.53	1
2	0.3258	0.2368	0.2238	38.0 B	6.13	0.267	0.158	0.093	0.089	0.850	0.549	26.0	2
3	0.3188	0.2378	0.2228	42.8	5.46	0.260	0.132	0.105	0.087	0.946	0.446	13.7	3
4	0.3108	0.2368	0.2218	35.3	4.87	0.258	0.131	0.128	0.085	0.892	0.381	7.25	4
5	0.3048	0.2358	0.2208	36.5	3.94	0.290	0.137	0.202	0.089	1.23	0.557	6.21	5
6	0.3018	0.2348	0.2198	30.5	3.40	0.252	0.139	0.171	0.089	1.11	1.08	5.13	6
7	0.2968	0.2338	0.2188	25.9	3.57	0.252	0.135	0.133	0.073	0.858	0.833	3.78	7
8	0.2968	0.2328	0.2178	28.2	4.32	0.243	0.124	0.102	0.071	0.545	0.510	3.24	8
9	0.2888	0.2318	0.2188	31.1	3.59	0.219	0.118	0.081	0.071	1.14	0.4408	2.80 B	9
10	0.2828	0.2308	0.2158	30.3	2.81	0.210	0.122	0.090	0.077	0.939	0.3708	2.50 B	10
11	0.2768	0.2308	0.2188	33.2	2.26	0.224	0.114	0.088	0.100	0.577	0.3308	2.10 B	11
12	0.2768	0.2308	0.2158	32.8	1.84	0.204	0.087	0.081	0.081	0.388	0.2808	1.80 B	12
13	0.2748	0.2308	0.2148	19.7	1.59	0.188	0.082	0.085	0.078	0.272	0.2808	1.70 B	13
14	0.2728	0.2288	0.2148	16.4	1.38	0.181	0.088	0.083	0.084	0.237	0.244	1.50 B	14
15	0.2708	0.2298	0.2148	14.4	1.12	0.173	0.085	0.099	0.280	0.201	0.2308	1.35 B	15
16	0.2658	0.2298	0.2138	14.8	1.21	0.168	0.087	0.091	0.278	0.172	0.2108	1.20 B	16
17	0.2628	0.2298	0.2128	15.9	1.28	0.172	0.095	0.095	0.180	0.143	0.1808	1.10 B	17
18	0.2608	0.2288	0.2208	21.4	1.15	0.156	0.090	0.087	0.141	0.128	0.187	1.00 B	18
19	0.2588	0.2288	0.2268	34.0	1.05	0.150	0.091	0.085	0.108	0.126	0.251	0.9008	19
20	0.2588	0.2268	0.3378	28.5	0.892	0.133	0.089	0.091	0.109	0.134	0.2308	0.8208	20
21	0.2648	0.2278	0.2488	19.9	0.748	0.130	0.082	0.091	0.101	0.125	0.2158	0.7808	21
22	0.2628	0.2278	0.2708	18.9	0.630	0.133	0.082	0.088	0.097	0.128	0.2058	0.6908	22
23	0.2608	0.2278	0.3508	12.9	0.604	0.123	0.082	0.089	0.101	0.121	0.1908	0.6508	23
24	0.2488	0.2278	0.5008	9.12	0.648	0.124	0.081	0.084	0.118	0.138	0.1758	0.6108	24
25	0.2478	0.2268	4.00 B	8.87	0.528	0.112	0.077	0.085	0.118	0.144	0.1608	0.5708	25
26	0.2468	0.2268	4.80 B	8.59	0.412	0.088	0.078	0.080	0.112	0.718	0.1458	0.5308	26
27	0.2458	0.2268	5.10 B	6.81	0.308	0.089	1.06	0.077	0.087	1.19	0.1328	0.4958	27
28	0.2448	0.2268	4.80 B	3.89	0.305	0.120	0.746	0.077	0.088	0.845	0.1288	0.4858	28
29	0.2428		4.30 B	3.61	0.318	0.230	0.282	0.081	0.082	0.609	0.1208	0.4288	29
30	0.2418		10.0 B	3.78	0.288	0.238	0.189	0.082	0.087	1.21	0.2808	0.4188	30
31	0.2408		17.5 B		0.308		0.148	0.085		1.01		0.3928	31
TOTAL	8.433	6.447	55.843	613.88	82.905	5.857	5.325	3.027	3.155	16.801	10.018	95.695	TOTAL
MEAN	0.272	0.230	1.80	20.4	2.03	0.188	0.172	0.086	0.105	0.542	0.334	3.08	MEAN
MAX	0.330	0.238	17.5	42.8	6.18	0.288	1.06	0.202	0.280	1.23	1.08	26.0	MAX
MIN	0.240	0.226	0.212	3.61	0.288	0.088	0.077	0.085	0.088	0.087	0.120	0.392	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.43
MAXIMUM DAILY, 42.8 ON APR 3
MINIMUM DAILY, 0.085 ON AUG 31
MAXIMUM INSTANTANEOUS,
53.8 AT 17:30 AST ON APR 5

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 38 00 N
LONG 65 34 40 W
DRAINAGE AREA, 176 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	728	JUL	460
FEB	557	AUG	383
MAR	4 830	SEP	273
APR	53 000	OCT	1 480
MAY	5 430	NOV	998
JUN	499	DEC	6 270

TOTAL DISCHARGE, 78 800 dam³

RESTIGOUCHE STREAM AT CAMPBELLTON - STATION NO. 01AJ010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.208	1.51 B	0.8788	88.9	5.83	5.10	3.07	0.988	0.388	6.28	4.84	88.2	1
2	4.058	1.46 B	0.8738	108	5.75	3.87	2.41	0.832	0.448	7.45	4.62	74.4	2
3	3.908	1.43 B	0.8718	86.3	5.08	2.98	1.91	0.788	0.452	4.89	4.28	28.0	3
4	3.788	1.38 B	0.8888	38.6	4.58	2.50	1.72	1.10	0.381	4.83	5.17	18.6	4
5	3.658	1.36 B	0.8878	36.2	4.10	2.88	1.64	1.14	0.385	5.05	10.2	13.7	5
6	3.518	1.33 B	0.8868	34.5	4.12	2.75	1.48	0.885	0.318	5.21	8.34	11.1	6
7	3.408	1.30 B	0.8828	35.2	7.84	2.60	1.31	0.784	0.271	4.24	6.88	9.04	7
8	3.308	1.27 B	0.8808	28.7	8.49	2.15	1.22	0.673	0.270	10.8	5.44	8.22	8
9	3.208	1.24 B	0.8588	22.6	6.23	2.54	1.12	0.628	0.843	11.8	5.35	7.388	9
10	3.108	1.20 B	0.8568	17.0	5.20	7.13	1.07	0.556	2.53	8.80	5.48	6.54	10
11	3.008	1.16 B	0.8548	15.0	4.55	5.55	1.19	0.683	1.80	6.89	4.72	5.81	11
12	2.928	1.13 B	0.8528	15.0	4.38	4.78	1.04	0.616	1.13	5.87	4.33	5.33	12
13	2.828	1.10 B	0.8508	14.4	4.19	6.97	1.01	0.653	0.913	4.84	4.02	4.83	13
14	2.728	1.07 B	0.8488	12.4	3.83	5.13	0.989	0.584	1.08	4.29	3.87	4.31	14
15	2.628	1.04 B	0.8468	10.8	4.10	5.18	1.08	0.532	1.76	3.87	3.81	3.50	15
16	2.528	1.02 B	0.8458	9.74	7.16	4.66	1.32	0.531	1.36	3.50	2.97	3.708	16
17	2.428	1.00 B	0.8458	9.03	5.21	3.45	1.01	0.641	1.37	3.21	3.27	3.608	17
18	2.338	0.9808	0.8448	8.69	4.22	2.81	0.885	0.644	1.62	2.99	3.88	3.308	18
19	2.258	0.9608	0.8448	8.64	3.67	2.42	0.814	0.644	1.21	3.01	4.40	3.158	19
20	2.178	0.9508	0.8438	7.76	3.31	2.18	0.738	0.495	0.977	2.80	3.86	2.958	20
21	2.108	0.9408	0.8438	8.67	3.01	1.94	0.730	0.441	4.89	2.67	4.59	2.858	21
22	2.038	0.9208	0.9808	8.88	2.85	1.75	0.787	0.388	15.2	3.16	4.01	2.708	22
23	1.968	0.9108	1.30 B	8.02	3.31	1.89	0.788	0.363	10.1	3.08	3.44	2.808	23
24	1.938	0.9008	1.90 B	8.31	3.13	1.82	1.21	0.351	7.13	2.83	3.89	2.518	24
25	1.888	0.8948	3.00 B	8.58	2.88	1.61	1.30	0.352	4.87	3.80	3.84	2.408	25
26	1.838	0.8858	4.80 B	4.82	2.58	1.42	0.861	0.336	3.63	7.07	4.00	2.338	26
27	1.788	0.8808	7.80 B	3.98	2.30	1.28	1.28	0.325	3.00	5.42	3.22	2.258	27
28	1.738	0.8788	12.7 B	3.59	2.14	7.65	1.14	0.339	2.53	4.84	3.058	2.208	28
29	1.678		22.1 B	3.58	2.03	7.40	0.852	0.331	2.18	8.21	3.008	2.128	29
30	1.628		32.8 B	4.58	2.00	3.91	0.784	0.367	2.18	7.43	4.808	2.088	30
31	1.578		47.9		7.30		1.08	0.393		5.86		1.988	31
TOTAL	81.98	31 127	153.051	824.27	135.96	109.33	37.966	18.433	74.943	158.80	138.84	300.73	TOTAL
MEAN	2.64	1.11	4.84	20.8	4.38	3.64	1.22	0.595	2.50	5.37	4.56	9.70	MEAN
MAX	4.20	1.51	47.9	108	8.49	7.65	3.07	1.14	15.2	11.8	10 2	74.4	MAX
MIN	1.57	0.878	0.843	3.58	2.00	1.29	0.730	0.325	0.270	2.87	2.87	1.98	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.13
MAXIMUM DAILY, 108 ON APR 2
MINIMUM DAILY, 0.270 ON SEP 8
MAXIMUM INSTANTANEOUS,
124 AT 22:18 AST ON DEC 1

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 20 27 N
LONG 67 27 58 W
DRAINAGE AREA, 350 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 080	JUL	3 280
FEB	2 880	AUG	1 590
MAR	13 200	SEP	8 480
APR	53 800	OCT	14 400
MAY	11 700	NOV	11 800
JUN	9 450	DEC	26 000

TOTAL DISCHARGE, 162 000 dam³

BIG PRESQUE ISLE STREAM AT TRACEY MILLS - STATION NO 01AJ004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.508	2.078	1 388	105	11.8	5.83	3.80	1.80	0.908	2.48	6.88	37.4	1
2	4.208	2.048	1 388	120	11.0	6.16	2.80	1.86	0.875	2.47	6.83	44.1	2
3	4.008	2.018	1 388	78.5	8.27	3.33	2.48	1.56	0.805	2.43	6.68	26.5	3
4	3.808	1.988	1 388	59.8	8.07	3.12	2.26	1.78	0.765	4.49	6.88	18.1	4
5	3.608	1.958	1 388	50.4	8.93	3.21	2.17	2.03	0.771	7.83	6.52	15.7	5
6	3.458	1.928	1 378	46.1	8.81	3.26	2.06	1.70	0.786	6.85	7.74	13.7	6
7	3.308	1.898	1 378	48.8	11.8	2.90	1.86	1.33	0.736	4.84	8.50	12.1	7
8	3.158	1.868	1 378	47.5	12.2	2.80	1.77	1.27	0.882	8.02	8.18	11.8	8
9	3.038	1.848	1 388	38.3	8.80	3.08	1.89	1.36	1.17	8.80	8.28	10.7	9
10	2.978	1.838	1 388	30.8	8.30	8.12	2.17	1.40	3.53	8.22	8.11	9.82	10
11	2.868	1.798	1 388	28.8	8.26	4.41	1.84	1.28	2.70	4.48	4.88	8.38	11
12	2.818	1.768	1 368	27.7	8.14	3.97	1.83	1.35	2.03	3.85	4.44	8.88	12
13	2.778	1.738	1 358	24.5	8.14	4.86	1.88	1.24	1.83	3.87	4.708	8.30	13
14	2.718	1.688	1 358	21.0	5.44	4.32	1.42	1.16	2.88	3.26	4.41	7.89	14
15	2.658	1.658	1 348	18.3	8.00	4.10	1.47	1.12	3.62	3.30	4.24	7.308	15
16	2.628	1.638	1 348	16.8	8.72	3.53	1.48	1.18	2.77	3.16	4.308	6.908	16
17	2.598	1.608	1 348	16.9	8.91	2.81	1.28	1.26	2.73	2.96	4.408	6.458	17
18	2.558	1.578	1 338	16.7	5.54	2.44	1.13	1.30	2.68	2.93	4.80	6.008	18
19	2.518	1.548	1 338	14.9	4.83	2.24	1.08	1.13	2.29	2.82	5.11	5.708	19
20	2.478	1.508	1 478	13.0	4.55	2.15	0.989	1.05	1.88	2.70	5.41	5.308	20
21	2.438	1.478	1 618	11.6	4.21	2.01	1.03	0.987	3.60	2.74	5.05	5.008	21
22	2.408	1.448	1 878	10.3	3.85	1.92	1.10	0.886	7.66	3.00	4.788	4.758	22
23	2.378	1.418	2 258	9.33	4.58	1.70	1.16	1.00	7.39	3.18	4.488	4.508	23
24	2.338	1.408	2.608	8.49	4.49	1.68	1.63	0.905	5.65	3.02	4.108	4.258	24
25	2.298	1.398	3.608	8.34	4.48	1.61	2.13	0 830	4.62	4.56	3.93	4.008	25
26	2.268	1.398	5.808	7.48	4.01	1.62	2.74	0.843	3.70	8.78	3.81	3.808	26
27	2.218	1.398	8 608	8.73	3.62	1.60	4.23	0.778	3.11	6.85	3.908	3.608	27
28	2.188	1.388	14.0 B	4.84	3.37	8.75	2.79	0.803	2.67	5.80	4.208	3.408	28
29	2.158		25.0 B	5.30	3.13	7.71	2.11	0.788	2.40	11.8	4.528	3.258	29
30	2.128		33.7	7.84	3.06	4.77	1.78	0.877	2.32	10.5	4.608	3.128	30
31	2.108		56.4		8.75		1.87	0.848		8.84		3.008	31
TOTAL	87.38	47 12	183 62	802.85	188.83	104.78	58.388	37 623	78.771	161 72	154.34	313.55	TOTAL
MEAN	2.82	1.88	5.82	30.1	8.41	3.49	1.92	1.21	2 66	4 89	5.14	10.1	MEAN
MAX	4.50	2.07	56.4	120	12.2	8.75	4.23	2.03	7.66	11.8	8.52	44.1	MAX
MIN	2.10	1.38	1.33	4.84	3.06	1.60	0.989	0.778	0.682	2.43	3.80	3.00	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.36
MAXIMUM DAILY, 120 ON APR 2
MINIMUM DAILY, 0 682 ON SEP 8
MAXIMUM INSTANTANEOUS,
132 AT 03:34 AST ON APR 2

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 28 16 N
LONG 67 44 41 W
DRAINAGE AREA, 484 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	7 550	JUL	5 130
FEB	4 070	AUG	3 250
MAR	15 900	SEP	8 880
APR	76 000	OCT	13 100
MAY	17 200	NOV	13 300
JUN	8 950	DEC	27 100

TOTAL DISCHARGE, 201 000 dam³

BIG TRACADIE RIVER AT MURCHY BRIDGE CROSSING - STATION NO. 01BL003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.908	1.808	1.188	26.08	19.9	4.77	3.07	2.84	1.74	3.84	3.36	18.2	1
2	2.808	1.698	1.128	33.58	17.6	4.43	2.76	2.48	1.73	3.86	3.23	33.4	2
3	2.708	1.738	1.108	43.18	16.3	4.22	2.71	2.39A	1.68	3.81	3.17	20.4	3
4	2.808	1.708	1.068	47.58	14.9	4.18	2.72	3.23E	1.62	3.38	3.15	14.2	4
5	2.908	1.678	1.188	48.08	13.9	4.36	2.86	2.77E	1.92	4.53	3.85	12.8	5
6	2.408	1.858	1.228	38.8	13.3	4.40	2.80	3.26E	1.42	4.07	3.76	11.3	6
7	2.338	1.828	1.328	41.4	14.3	4.82	2.38	1.78E	1.51	3.82	3.48	9.86	7
8	2.278	1.688	1.308	45.6	13.6	4.21	2.25	1.55E	1.63	3.72	3.158	8.71	8
9	2.208	1.678	1.278	38.5	12.2	3.96	2.20	3.12E	1.63A	4.17	3.108	8.27	9
10	2.138	1.538	1.258	35.3	11.4	3.83	2.14	2.86A	2.44A	3.76	3.00	7.58	10
11	2.078	1.518	1.228	36.4	10.7	3.76	2.04	2.54	2.34	3.48	2.988	7.42	11
12	2.018	1.488	1.208	38.6	10.2	3.58	2.00	2.52	2.01	3.27	2.958	7.32	12
13	1.988	1.478	1.188	38.3	9.59	3.49	1.90	2.39	1.84	3.22	2.948	6.82	13
14	1.938	1.468	1.178	36.0	9.01	3.35	1.83	2.35	1.89	3.18	2.928	6.16	14
15	1.888	1.438	1.168	36.3	8.89	3.48	1.86	2.30	3.00A	3.07	2.80	6.12	15
16	1.848	1.418	1.208	36.1	8.78	3.43	2.09	2.06	2.73	3.00	2.788	5.908	16
17	1.808	1.388	1.288	37.4	8.14	3.23	2.06	2.03	2.32	2.88	5.448	5.658	17
18	1.788	1.378	1.388	44.8	7.84	3.08	2.02	2.01	2.18	2.87	3.48	5.408	18
19	1.768	1.368	1.428	60.0	7.11	2.98	1.97	1.82	2.07	2.84	2.84	5.108	19
20	1.718	1.338	1.508	53.6	6.84	2.94	1.82	2.38E	1.93	2.80	2.808	4.908	20
21	1.698	1.318	1.858	47.7	6.33	2.91	1.83	2.21	1.98	2.58	4.33	4.748	21
22	1.678	1.288	1.808	44.8	5.24	2.86	1.88	1.98A	2.05	2.81	4.07	4.528	22
23	1.708	1.278	1.578	38.8	5.16	2.83	1.84	2.04E	2.24	2.58	3.558	4.388	23
24	1.748	1.358	1.628	30.4	5.75	2.75	1.84	2.18A	2.05	2.46	3.458	4.128	24
25	1.808	1.238	1.508	26.3	5.51	2.86	1.75	1.98	1.95	2.82	3.40	4.058	25
26	1.788	1.218	2.308	23.4	5.42	2.83	3.08A	1.95	1.83	3.75	3.24	3.928	26
27	1.738	1.208	3.808	21.0	5.23	2.77	5.89A	1.88	1.84	3.43	2.928	3.818	27
28	1.708	1.188	6.008	19.5	5.17	3.40	3.31	1.88	1.93	3.20	2.678	3.588	28
29	1.678		8.408	19.1	5.05	3.67	2.86	1.78	1.95	3.44	3.448	3.588	29
30	1.658		15.0 E	19.6	5.00	3.08	2.88	1.89	1.89	3.72	5.748	3.498	30
31	1.638		14.0 E		5.04		2.84	1.71		3.46		3.408	31
TOTAL	62.35	40.49	86.85	1 100.5	294.50	105.24	75.17	68.89	59.05	101.73	101.83	249.04	TOTAL
MEAN	2.01	1.45	2.81	36.7	9.50	3.54	2.42	2.22	1.97	3.28	3.39	8.03	MEAN
MAX	2.90	1.73	15.0	60.0	19.5	4.77	5.89	3.23	3.00	4.53	5.74	33.4	MAX
MIN	1.63	1.18	1.06	19.1	5.00	2.75	1.75	1.55	1.62	2.46	2.80	3.40	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.83
MAXIMUM DAILY, 60.0 ON APR 19
MINIMUM DAILY, 1.068 ON MAR 4
MAXIMUM INSTANTANEOUS,
82.0 AT 11:30 AST ON APR 21

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 28 06 N
LONG 65 06 25 W
DRAINAGE AREA, 383 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	5 390	JUL	6 490
FEB	3 500	AUG	5 950
MAR	7 520	SEP	5 100
APR	95 100	OCT	8 780
MAY	25 400	NOV	8 800
JUN	9 180	DEC	21 500

TOTAL DISCHARGE 203 000 dam³

BURPEE MILLSTREAM NEAR FERNHOUNT - STATION NO 01AD005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.65 B	0.400B	0.230B	15.4 B	2.26	2.14	1.36	0.184	0.104	3.80	2.34	16.3	1
2	1.54 B	0.390B	0.225B	24.6	1.89	1.45	0.804	0.145	0.088	3.79	1.86	13.5	2
3	1.42 B	0.383B	0.220B	19.3	1.49	0.888	0.563	0.187	0.100	2.81	1.55	7.66	3
4	1.32 B	0.375B	0.218B	17.6	1.23	0.594	0.451	0.278	0.062	2.05	1.53	5.28	4
5	1.23 B	0.367B	0.211B	15.5	1.02	0.571	0.429	0.198	0.077	1.86	2.38	3.84	5
6	1.14 B	0.360B	0.207B	14.3	1.32	0.898	0.361	0.158	0.068	1.53	2.37	3.34	6
7	1.06 B	0.353B	0.202B	15.6	2.70	0.826	0.337	0.142	0.061	1.18	2.04	2.81	7
8	0.980B	0.347B	0.198B	11.3	2.28	0.674	0.303	0.131	0.065	1.41	1.57	2.81	8
9	0.920B	0.342B	0.186B	8.65	1.86	1.14	0.235	0.135	0.373	1.82	1.40	2.70	9
10	0.870B	0.337B	0.183B	7.59	1.31	3.45	0.245	0.119	0.712	1.46	1.68	2.07	10
11	0.820B	0.332B	0.188B	7.68	0.954	3.38	0.238	0.136	0.412	1.14	1.45	2.05	11
12	0.770B	0.328B	0.186B	7.08	0.852	2.04	0.282	0.173	0.322	0.932	1.33	1.82	12
13	0.730B	0.320B	0.183B	6.76	1.05	2.14	0.268	0.137	0.325	0.736	1.37	1.80	13
14	0.700B	0.314B	0.179B	5.81	0.787	1.87	0.244	0.131	0.815	0.701	1.33	1.82 B	14
15	0.670B	0.309B	0.176B	4.85	0.802	1.48	0.238	0.124	1.06	0.802	1.24	1.82 B	15
16	0.640B	0.303B	0.173B	4.28	1.31	1.06	0.237	0.121	0.825	0.685	1.238	1.42 B	16
17	0.610B	0.298B	0.170B	3.86	1.03	0.710	0.197	0.132	0.619	0.503	1.188	1.36 B	17
18	0.590B	0.293B	0.176B	3.66	0.792	0.621	0.165	0.115	0.539	0.501	1.44	1.27 B	18
19	0.560B	0.288B	0.188B	3.73	0.888	0.501	0.187	0.098	0.433	0.595	1.62	1.20 B	19
20	0.530B	0.283B	0.200B	3.24	0.826	2.40	0.152	0.100	0.384	0.981	1.78	1.13 B	20
21	0.520B	0.277B	0.238B	2.92	0.830	1.28	0.186	0.092	0.670	0.617	4.91	1.08 B	21
22	0.505B	0.270B	0.270B	2.68	0.486	0.816	0.155	0.092	3.27	0.624	3.48	1.01 B	22
23	0.480B	0.265B	0.270B	2.18	0.745	0.588	0.171	0.111	3.26	0.646	2.80	0.960B	23
24	0.480B	0.257B	0.580B	1.91	0.836	0.432	0.206	0.102	2.33	0.544	2.34	0.910B	24
25	0.470B	0.252B	0.650B	1.72	0.536	0.439	0.217	0.090	1.54	0.789	1.88	0.870B	25
26	0.480B	0.246B	1.40 B	1.47	0.485	0.407	0.182	0.080	1.14	1.88	1.63	0.830B	26
27	0.460B	0.242B	2.00 B	1.32	0.414	0.417	0.288	0.092	0.975	1.51	1.38	0.780B	27
28	0.440B	0.238B	3.00 B	1.18	0.377	4.00	0.233	0.086	0.889	1.19	2.11	0.760B	28
29	0.430B		4.70 B	1.24	0.400	3.36	0.187	0.082	0.676	5.20	3.34	0.720B	29
30	0.420B		5.80 B	1.82	0.388	1.87	0.147	0.087	0.680	4.55	4.30	0.680B	30
31	0.410B		8.70 B		1.34		0.145	0.130		3.21		0.880B	31
TOTAL	23.825	8.787	33.825	220.55	32.483	42.129	9.283	3.847	22.404	48.208	60.62	85.040	TOTAL
MEAN	0.768	0.313	1.09	7.35	1.05	1.40	0.299	0.127	0.747	1.55	2.02	2.74	MEAN
MAX	1.85	0.400	8.70	24.6	2.70	4.00	1.36	0.278	3.26	5.20	4.91	16.3	MAX
MIN	0.410	0.238	0.170	1.18	0.377	0.407	0.145	0.082	0.061	0.485	1.18	0.880	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.62
MAXIMUM DAILY, 24.6 ON APR 2
MINIMUM DAILY, 0.061 ON SEP 7
MAXIMUM INSTANTANEOUS,
27.3 AT 05:30 AST ON APR 2

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 57 24 N
LONG 66 18 41 W
DRAINAGE AREA, 83.2 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 080	JUL	802
FEB	757	AUG	341
MAR	2 920	SEP	1 940
APR	19 100	OCT	4 250
MAY	2 810	NOV	5 240
JUN	3 640	DEC	7 350

TOTAL DISCHARGE, 51 300 dam³

CANAAN RIVER AT EAST CANAAN - STATION NO. 01AP002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.658	1.468	1.148	88.0 B	29.5	3.90	2.09	0.718	0.404	3.34	7.10	37.7	1
2	3.638	1.448	1.158	142 B	21.8	3.27	1.83	0.612	0.472	42.2	6.61	68.2	2
3	2.638	1.408	1.138	130 B	15.6	2.84	1.22	0.718	0.368	34.1	5.08	38.9	3
4	3.708	1.388	1.138	148	12.5	1.67	1.13	0.788	0.387	38.4	5.08	18.0 B	4
5	2.388	1.368	1.128	131	8.83	1.83	1.10	0.724	0.348	38.4	10.0	13.0 B	5
6	3.288	1.328	1.128	108	9.84	2.06	1.00	0.875	0.304	25.7	12.8	10.0 B	6
7	2.198	1.308	1.128	114	11.0	9.28	0.888	0.584	0.273E	17.2	10.6	8.608	7
8	2.138	1.288	1.128	93.6	10.5	6.97	0.790	0.540	0.223E	14.0	7.76	7.708	8
9	2.028	1.268	1.128	87.3	8.27	10.7	0.674	0.534	0.671	15.4	7.00	7.108	9
10	1.938	1.278	1.128	83.2	8.73	31.4	0.662	0.447	5.67	12.0	10.9	8.608	10
11	1.688	1.248	1.118	87.6	8.58	28.3	1.67	0.475	4.84	8.05	8.06	8.008	11
12	1.608	1.248	1.108	83.6	8.03	26.2	1.98	0.582	3.47	7.07	7.63	8.708	12
13	1.748	1.248	1.108	82.6	8.21	25.4	1.42	0.574	2.52	8.06	7.37	8.408	13
14	1.688	1.238	1.108	82.3	8.28	18.5	1.13	0.538	2.41	8.27	6.99	8.228	14
15	1.628	1.218	1.108	86.3	4.09	13.7	0.998	0.486	6.77	4.24	7.85	8.108	15
16	1.588	1.208	1.108	83.2	8.67	10.6	0.958	0.472	4.88	3.70	7.72	4.908	16
17	1.528	1.188	1.108	83.5	8.69	7.12	0.853	0.546	3.88	3.46	8.88	4.788	17
18	1.468	1.188	1.088	86.1	4.86	8.25	0.752	0.433	2.88	3.28	12.3	4.808	18
19	1.438	1.188	1.088	48.5	3.89	4.02	0.894	0.415	2.36	3.43	21.0	4.508	19
20	1.388	1.188	1.088	42.2	3.38	4.22	0.638	0.336	1.80	3.54	16.8	4.388	20
21	1.368	1.178	1.408	33.2	2.87	3.27	0.567	0.277E	2.27	3.40	40.6	4.258	21
22	1.328	1.178	3.108	27.6	2.62	2.37	0.552	0.258E	16.8	3.56	32.7	4.148	22
23	1.318	1.178	6.508	21.6	2.80	1.87	0.881	0.355	22.5	3.66	20.0 B	4.008	23
24	1.328	1.158	5.008	17.7	2.93	1.81	0.832	0.381	16.8	3.36	15.6	3.808	24
25	1.658	1.158	4.208	16.5	2.36	1.87	0.721	0.348	11.2	3.21	13.8	3.829	25
26	1.708	1.158	5.608	13.6	2.06	1.88	0.748	0.321	7.36	6.81	12.1	3.708	26
27	1.658	1.158	6.808	11.2	2.04	1.87	0.623	0.282	5.68	7.08	9.76	3.628	27
28	1.628	1.148	13.0 B	8.91	1.82	2.74	0.870	0.319	4.23	5.76	7.84	3.508	28
29	1.588		22.0 B	15.4	1.72	4.04	0.751	0.295	3.39	7.10	6.27	3.428	29
30	1.548		35.0 B	34.1	1.54	2.84	0.819	0.278	3.81	10.6	8.78	3.358	30
31	1.528		42.0 B		1.81		0.850	0.483		8.82		3.298	31
TOTAL	56.46	34.88	188.84	1 726.81	209.28	282.91	29.874	15.029	136.881	358.03	351.58	298.31	TOTAL
MEAN	1.82	1.25	5.45	57.6	8.78	8.43	0.957	0.485	4.56	11.5	11.7	8.56	MEAN
MAX	3.85	1.48	42.0	148	29.5	39.3	2.09	0.813	22.5	45.2	40.6	68.2	MAX
MIN	1.31	1.14	1.08	8.91	1.54	1.67	0.552	0.258	0.223	3.21	5.08	3.29	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.97
MAXIMUM DAILY, 148 ON APR 4
MINIMUM DAILY, 0.223E ON SEP 8
MAXIMUM INSTANTANEOUS,
184 AT 20 18 AST ON APR 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 04 19 N
LONG 65 22 00 W
DRAINAGE AREA, 868 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 880	JUL	2 580
FEB	3 010	AUG	1 300
MAR	14 600	SEP	11 800
APR	149 000	OCT	30 900
MAY	18 100	NOV	30 400
JUN	21 900	DEC	25 800

TOTAL DISCHARGE 314 000 dam³

REMARKS - THE "E" FOR DISCHARGES BELOW 286 m³/s IS DUE TO CURVE EXTENSION

CASTAWAY STREAM NEAR CASTAWAY - STATION NO 01AN001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.3388	0.1788	0.1208	4.11	1.53	0.431	0.298	0.081	0.058	0.482	0.537	3.22	1
2	0.3288	0.1748	0.1188	5.70 B	1.53	0.336	0.257	0.080	0.047	1.08	0.439	3.55	2
3	0.3188	0.1708	0.1178	5.05	1.40	0.269	0.219	0.081	0.059	0.784	0.381	1.88	3
4	0.3068	0.1678	0.1158	5.77	1.21	0.229	0.196	0.123	0.052	0.615	0.413	1.30	4
5	0.2998	0.181	0.112	4.85	1.04	0.235	0.181	0.098	0.052	0.941	0.650	0.955	5
6	0.2928	0.1588	0.118	4.32	0.980	0.307	0.187	0.075	0.060	0.888	0.801	0.815	6
7	0.2848	0.187	0.111	5.87	1.18	0.382	0.185	0.067	0.054	0.497	0.495	0.798	7
8	0.2778	0.150	0.116	4.18	1.08	0.320	0.195	0.068	0.059	0.491	0.401	0.711	8
9	0.2718	0.163	0.116	2.85	0.870	0.484	0.133	0.072	0.270	0.607	0.438	0.681	9
10	0.2688	0.183	0.107	2.43	0.741	1.10	0.137	0.072	0.720	0.485	0.502	0.620	10
11	0.2608	0.1858	0.1078	2.83	0.858	0.928	0.147	0.188	0.403	0.389	0.429	0.812	11
12	0.2538	0.161	0.1078	3.13	0.818	0.655	0.151	0.287	0.288	0.355	0.408	0.597	12
13	0.2498	0.1608	0.1078	3.45	0.813	0.834	0.141	0.180	0.208	0.315	0.388	0.583	13
14	0.2458	0.1488	0.1068	3.10	0.671	0.511	0.137	0.114	0.431	0.286	0.385	0.481	14
15	0.2408	0.1478	0.1068	1.92	0.680	0.480	0.144	0.087	0.737	0.289	0.371	0.441	15
16	0.2378	0.1488	0.106	1.85	0.781	0.415	0.133	0.089	0.428	0.281	0.344	0.426	16
17	0.2368	0.1458	0.106	1.78	0.626	0.307	0.101	0.141	0.333	0.233	0.337	0.441	17
18	0.2308	0.1438	0.102	1.86	0.518	0.244	0.106	0.117	0.286	0.218	0.470	0.449	18
19	0.2288	0.1428	0.102	1.98	0.463	0.272	0.100	0.076	0.229	0.238	0.830	0.439A	18
20	0.2309	0.1408	0.134	1.77	0.412	0.420	0.090	0.071	0.188	0.338	0.801	0.415E	20
21	0.2188	0.1388	0.148	1.52	0.390	0.311	0.088	0.068	0.240	0.232	1.67	0.392A	21
22	0.2118	0.1368	0.182	1.41	0.370	0.288	0.085	0.077	0.737	0.236	1.19	0.383	22
23	0.2068	0.1338	0.311	1.23	0.402	0.208	0.087	0.084	0.830	0.232	0.828	0.347	23
24	0.2028	0.1318	0.409	1.14	0.388	0.183	0.188	0.085	0.874	0.205	0.732	0.336	24
25	0.1988	0.1288	0.458	1.07	0.339	0.189	0.135	0.088	0.458	0.230	0.675	0.324	25
26	0.1948	0.1258	0.574	0.935	0.288	0.188	0.188	0.071	0.348	0.472	0.627	0.332	26
27	0.1918	0.122	0.758	0.829	0.272	0.180	0.188	0.085	0.280	0.385	0.533	0.294	27
28	0.1888	0.1218	1.21	0.749	0.252	0.458	0.131	0.051	0.244	0.312	0.474	0.288	28
29	0.1858		1.45	0.807	0.244	0.443	0.108	0.070	0.218	0.771	0.388	0.252	29
30	0.1828		1.72	1.12	0.250	0.287	0.080	0.124	0.210	0.892	0.458	0.2388	30
31	0.1798		2.23		0.342		0.082	0.078		0.680		0.2288	31
TOTAL	7.526	4.121	11.873	79.840	20.731	11.881	4.518	2.975	8.181	14.300	16.877	22.878	TOTAL
MEAN	0.243	0.147	0.377	2.85	0.688	0.388	0.148	0.085	0.308	0.481	0.558	0.738	MEAN
MAX	0.338	0.178	2.23	5.70	1.53	1.10	0.298	0.287	0.830	1.08	1.67	3.55	MAX
MIN	0.178	0.121	0.102	0.749	0.244	0.188	0.082	0.051	0.047	0.205	0.337	0.228	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.584
MAXIMUM DAILY, 5.708 ON APR 2
MINIMUM DAILY, 0.047 ON SEP 2
MAXIMUM INSTANTANEOUS,
7.32 AT 19 00 AST ON APR 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 17 54 N
LONG 65 42 43 W
DRAINAGE AREA, 34.4 km²

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	650	JUL	390
FEB	358	AUG	267
MAR	1 010	SEP	783
APR	6 880	OCT	1 240
MAY	1 790	NOV	1 440
JUN	1 010	DEC	1 980

TOTAL DISCHARGE, 17 800 dam³

CHAMCOOK STREAM AT LITTLE CHAMCOOK LAKE OUTLET - STATION NO. 01AR012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.345	0.115	0.047	0.949	0.189	0.104	0.224	0.134	0.009	0.097	0.078	0.896	1
2	0.336	0.113	0.048	1.34	0.182	0.097	0.228	0.121	0.009	0.097	0.072	1.44	2
3	0.261	0.107	0.074	1.44	0.155	0.093	0.224	0.124	0.007	0.098	0.069	1.43	3
4	0.245	0.102	0.070	1.35	0.150	0.064	0.216	0.129	0.008	0.088	0.069	1.21	4
5	0.233	0.096	0.070	1.27	0.144	0.087	0.208	0.111	0.005	0.097	0.070	0.989	5
6	0.219	0.092	0.072	1.22	0.185	0.088	0.189	0.095	0.004	0.092	0.070	0.775	6
7	0.208	0.090	0.072	1.18	0.212	0.081	0.178	0.087	0.004	0.088	0.068	0.647	7
8	0.201	0.088	0.072	1.10	0.238	0.078	0.184	0.083	0.004	0.087	0.064	0.542	8
9	0.192	0.085	0.068	1.00	0.238	0.087	0.152	0.079	0.011	0.095	0.062	0.478	9
10	0.182	0.102	0.065	0.887	0.241	0.088	0.141	0.073	0.015	0.090	0.059	0.429	10
11	0.193	0.097	0.063	0.781	0.238	0.097	0.131	0.068	0.013	0.088	0.057	0.400	11
12	0.200	0.091	0.061	0.673	0.230	0.101	0.121	0.062	0.010	0.083	0.089	0.388	12
13	0.190	0.088	0.058	0.581	0.228	0.105	0.110	0.074	0.009	0.077	0.089	0.361	13
14	0.178	0.084	0.056	0.517	0.214	0.102	0.089	0.075	0.021	0.073	0.087	0.328	14
15	0.171	0.080	0.054	0.457	0.208	0.103	0.093	0.069	0.023	0.068	0.088	0.304	15
16	0.183	0.078	0.054	0.415	0.208	0.089	0.093	0.062	0.020	0.087	0.084	0.307	16
17	0.185	0.070	0.058	0.372	0.181	0.088	0.080	0.058	0.022	0.083	0.083	0.307	17
18	0.147	0.087	0.061	0.334	0.183	0.080	0.088	0.055	0.020	0.081	0.089	0.281	18
19	0.153	0.085	0.063	0.317	0.174	0.088	0.078	0.051	0.017	0.089	0.071	0.257	19
20	0.148	0.082	0.062	0.289	0.182	0.087	0.084	0.048	0.019	0.087	0.081	0.248	20
21	0.137	0.088	0.084	0.278	0.150	0.083	0.084	0.039	0.055	0.089	0.107	0.247	21
22	0.128	0.085	0.118	0.268	0.141	0.084	0.083	0.035	0.081	0.088	0.110	0.238	22
23	0.150	0.082	0.128	0.341	0.152	0.080	0.081	0.031	0.080	0.084	0.116	0.226	23
24	0.149	0.081	0.140	0.223	0.145	0.085	0.058	0.025	0.093	0.083	0.118	0.220	24
25	0.144	0.048	0.156	0.209	0.138	0.127	0.052	0.020	0.091	0.084	0.123	0.214	25
26	0.138	0.047	0.179	0.191	0.126	0.122	0.052	0.017	0.087	0.085	0.141	0.212	26
27	0.133	0.047	0.238	0.175	0.117	0.113	0.052	0.011	0.083	0.054	0.148	0.204	27
28	0.126	0.047	0.301	0.156	0.106	0.183	0.075	0.011	0.078	0.056	0.147	0.191	28
29	0.119		0.371	0.158	0.099	0.187	0.157	0.012	0.074	0.072	0.148	0.183	29
30	0.113		0.486	0.175	0.101	0.208	0.182	0.012	0.079	0.078	0.171	0.174	30
31	0.117		0.858		0.101		0.150	0.012		0.078		0.185	31
TOTAL	5.352	2.179	4.131	18.535	5.274	3.113	3.824	1.875	1.059	2.313	2.681	14.100	TOTAL
MEAN	0.173	0.078	0.133	0.818	0.170	0.104	0.123	0.081	0.035	0.075	0.089	0.455	MEAN
MAX	0.345	0.119	0.858	1.44	0.241	0.208	0.228	0.134	0.093	0.098	0.171	1.44	MAX
MIN	0.113	0.047	0.047	0.158	0.099	0.078	0.052	0.011	0.004	0.053	0.057	0.185	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.177
MAXIMUM DAILY, 1.44 ON APR 3
MINIMUM DAILY, 0.004 ON SEP 6
MAXIMUM INSTANTANEOUS,
1.54 AT 22 58 AST ON DEC 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 09 28 N
LONG 67 05 46 W

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	462	JUL	330
FEB	188	AUG	152
MAR	357	SEP	91 5
APR	1 600	OCT	200
MAY	455	NOV	332
JUN	269	DEC	1 220

TOTAL DISCHARGE 5 570 dam³

COAL BRANCH RIVER AT BEERSVILLE - STATION NO. 01BS001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.7808	0.6758	0.5028	30.0 B	8.85	1.23	0.830	0.233	0.184	1.11	1.47	13.7	1
2	0.7308	0.6838	0.5008	58.0 B	4.82	1.10	0.717	0.274	0.180	5.85	1.36	14.2	2
3	0.7708	0.6858	0.5008	51.0 B	3.85	0.884	0.587	0.287	0.181	5.19	1.10	7.94	3
4	0.8008	0.6488	0.4958	45.0 B	2.71	0.723	0.568	0.205	0.171	10.1	1.20	4.308	4
5	0.7908	0.6408	0.4958	37.1	2.26	0.883	0.665	0.184	0.181	8.51	1.77	3.158	5
6	0.7778	0.6308	0.4908	31.6	2.01	1.14	0.488	0.207	0.152	5.33	1.76	2.788	6
7	0.7608	0.6308	0.4828	28.2	1.97	2.78	0.378	0.178	0.181	3.66	1.47	2.585	7
8	0.7508	0.6208	0.4808	26.6	2.04	2.57	0.338	0.167	0.189	2.98	1.218	2.388	8
9	0.7608	0.5108	0.4788	21.0	2.02	3.37	0.327	0.181	1.61	2.83	1.47	2.228	9
10	0.7308	0.6008	0.4758	18.2	1.98	7.03	0.350	0.195	2.78	2.25	1.89	2.108	10
11	0.7208	0.5988	0.4708	22.4	1.93	8.28	0.390	0.181	1.97	1.83	1.70	1.95	11
12	0.7108	0.5908	0.4888	24.3	1.82	5.26	0.337	0.184	1.53	1.56	1.588	1.888	12
13	0.7008	0.5858	0.4828	19.2	2.04	5.37	0.292	0.139	1.27	1.28	1.518	1.828	13
14	0.6808	0.5808	0.4808	18.3	2.05	3.78	0.295	0.1138	1.35	1.19	1.488	1.748	14
15	0.6808	0.5758	0.4588	14.8	1.95	3.57	0.287	0.116	1.63	1.05	1.518	1.888	15
16	0.6658	0.5708	0.4508	14.3	2.64	3.06	0.298	0.157	1.25	0.958	1.628	1.648	16
17	0.6608	0.5828	0.4488	14.8	2.21	2.22	0.270	0.167	0.926	0.860	1.908	1.608	17
18	0.6508	0.5658	0.4458	20.4	1.95	1.87	0.255	0.0882	0.851	0.795	3.408	1.548	18
19	0.6428	0.5508	0.4408	27.0	1.72	1.65	0.208	0.194	0.703	0.795	4.84	1.528	19
20	0.6408	0.6438	0.4408	19.6	1.67	1.34	0.208	0.198	0.587	0.824	4.46	1.498	20
21	0.6308	0.6408	0.4408	19.1	1.40	1.09	0.188	0.171	0.634	0.782	12.1	1.458	21
22	0.6208	0.6358	0.4408	24.4	1.38	0.958	0.182	0.185	3.08	0.775	7.81	1.428	22
23	0.6208	0.6308	0.5808	8.37	1.60	0.868	0.208	0.137	3.06	0.798	6.14	1.398	23
24	0.6408	0.6258	1.10 B	8.74	1.39	0.806	0.298	0.183	2.28	0.745	3.608	1.368	24
25	0.7008	0.6208	0.8808	8.28	1.20	1.11	0.405	0.185	1.60	0.789	2.958	1.328	25
26	0.7808	0.6188	0.6808	4.68	1.03	0.795	0.289	0.184	1.14	1.73	2.468	1.288	26
27	0.7508	0.6108	0.7408	3.86	0.910	0.724	0.288	0.149	0.876	1.48	2.058	1.248	27
28	0.7308	0.6058	0.7408	3.80	0.824	1.22	0.249	0.184	0.735	1.28	1.888	1.228	28
29	0.7108		1.80 B	8.82	0.868	1.32	0.218	0.187	0.605	1.89	1.828	1.198	29
30	0.7008		3.20 B	10.4	0.815	0.803	0.184	0.208	0.522	2.00	1.788	1.158	30
31	0.6808		7.00 B		1.06		0.203	0.193		1.82		1.138	31
TOTAL	21.914	18.274	27.358	643.11	82.937	67.694	10.848	5.437	32.348	76.631	80.06	88.38	TOTAL
MEAN	0.707	0.581	0.883	21.4	2.03	2.28	0.350	0.175	1.08	2.47	2.67	2.79	MEAN
MAX	0.800	0.675	7.00	58.0	8.85	8.28	0.830	0.274	3.08	10.1	12.1	14.2	MAX
MIN	0.620	0.505	0.440	3.80	0.688	0.803	0.182	0.098	0.182	0.745	1.10	1.12	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.10
MAXIMUM DAILY, 58.0B ON APR 2
MINIMUM DAILY, 0.0882 ON AUG 18

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 28 37 N
LONG 65 03 55 W
DRAINAGE AREA, 188 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 890	JUL	937
FEB	1 410	AUG	470
MAR	3 380	SEP	2 780
APR	55 600	OCT	6 820
MAY	5 440	NOV	6 930
JUN	5 850	DEC	7 490

TOTAL DISCHARGE, 87 700 dam³

REMARKS - THE "E" FOR DISCHARGES BELOW .117 m³/s IS DUE TO CURVE EXTENSION

NEW BRUNSWICK

COLD STREAM AT COLDSTREAM - STATION NO. 01AJ011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.884	0.460	0.313	34.3	2.80	2.30 E	0.781	0.382	0.174	2.74	2.38	24.3	1
2	1.09	0.480	0.314	31.3	2.11	1.80 E	0.801	0.327	0.309	3.27	3.19	19.9	2
3	*1.14*	*0.447*	*0.308*	*27.8*	*1.87*	*1.40 E*	*0.878*	*0.277*	*0.288*	*7.88*	*2.78*	*17.8*	*3*
4	1.10	0.439	0.304	12.9	1.68	1.04 E	0.456	0.822	0.203	2.10	3.85	8.44	4
5	1.02	0.419	0.301	11.3	1.51	1.09 E	0.497	0.808	0.148	3.32	4.05	7.05	5
6	0.953	0.408	0.302	10.1	1.57	1.15 E	0.434	0.495	0.128	2.78	3.28	5.03	6
7	0.961	0.391	0.305	9.75	2.74	1.03 E	0.385	0.344	0.115	2.41	2.80	5.28	7
8	0.989	0.392	0.311	8.48	2.80	0.918A	0.382	0.301	0.114	5.61	2.50	4.81	8
9	0.808	0.387	0.307	7.65	2.03	1.14	0.338	0.316	0.801	5.22	2.68	4.21	9
10	0.669	0.390	0.315	6.48	1.88	1.80	0.343	0.300	1.50	4.28	2.82	4.01	10
11	0.890	0.387	0.300	5.82	1.71	1.55	0.368	0.334	0.619	3.81	2.33	3.72	11
12	0.854	0.380	0.308	5.32	1.78	1.36	0.344	0.363	0.416	3.24	2.21	3.49	12
13	0.874	0.387	0.305	4.90	1.67	2.07	0.315	0.298	0.345	2.97	2.11	3.26	13
14	0.839	0.348	0.308	4.28	1.50	1.47	0.314	0.295	0.645	2.88	2.03	3.88	14
15	0.843	0.341	0.309	3.93	1.89	1.75	0.354	0.283	0.724	2.50	2.00	2.09	15
16	0.770	0.335	0.307	3.58	3.10	1.45	0.348	0.280	0.449	2.28	1.88	2.58	16
17	0.632	0.335	0.318	3.33	2.18	1.10	0.255	0.297	0.521	2.11	1.78	2.60	17
18	0.668	0.326	0.317	3.21	1.87	0.924	0.232	0.272	0.488	2.05	2.24	2.10	18
19	0.676	0.312	0.315	3.04	1.70	0.843	0.225	0.245	0.378	1.88	2.47	1.80	19
20	0.638	0.308	0.338	2.76	1.58	0.827	0.220	0.247	0.336	1.87	2.12	1.71	20
21	0.695	0.315	0.371	2.64	1.50	0.895	0.212	0.236	2.89	1.81	2.62	2.18	21
22	0.802	0.304	0.629	2.38	1.41	0.893	0.215	0.214	5.40	2.06	2.03	1.96	22
23	0.863	0.299	1.37	2.18	1.83	0.859	0.218	0.201	3.31	1.85	1.58	1.66	23
24	0.871	0.299	2.23	2.37	1.83	0.837	0.879	0.179	2.76	1.88	1.89	1.75	24
25	0.885	0.301	3.88	2.26	1.48	0.834	0.721	0.149	2.18	2.87	2.35	1.89	25
26	0.925	0.313	5.06	1.95	1.30	0.478	0.479	0.135	1.85	3.58	2.23	1.46	26
27	0.802	0.308	7.53	1.76	1.25E	0.461	1.14	0.140	1.66	2.87	1.84	1.27	27
28	0.887	0.308	8.01	1.63	1.18E	2.88	0.852	0.120	1.50	2.43	1.54	1.28	28
29	0.892		8.84	1.68	1.07E	1.99	0.408	0.120	1.34	3.10	1.67	1.07	29
30	0.868		12.8	2.04	1.01E	1.13	0.394	0.148	1.35	2.78	2.72	1.11	30
31	0.855		18.7		2.70E		0.810	0.134		2.49		1.13	31
TOTAL	23.252	10.037	76.217	210.59	55.84	36.697	13.231	8.878	33.007	84.98	68.77	138.53	TOTAL
MEAN	0.750	0.358	2.46	7.02	1.80	1.22	0.427	0.286	1.10	2.74	2.29	4.47	MEAN
MAX	1.14	0.480	18.7	34.3	3.10	2.88	1.14	0.808	5.40	5.61	4.05	24.3	MAX
MIN	0.455	0.299	0.300	1.83	1.01	0.461	0.212	0.120	0.114	1.68	1.54	1.07	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.08
MAXIMUM DAILY, 34.3 ON APR 1
MINIMUM DAILY, 0.114 ON SEP 8
MAXIMUM INSTANTANEOUS,
39.3 AT 18 00 AST ON APR 1

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 20 32 N
LONG 67 28 09 W
DRAINAGE AREA, 188 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 010	JUL	1 140
FEB	867	AUG	767
MAR	6 590	SEP	3 650
APR	18 200	OCT	7 330
MAY	4 820	NOV	5 940
JUN	3 170	DEC	12 000

TOTAL DISCHARGE, 65 700 dam³

DENNIS STREAM NEAR ST STEPHEN - STATION NO 01AR006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.16 B	0.535B	0.360B	21.6 B	2.03	1.34	1.91	0.118	0.031E	1.02	1.50	22.3	1
2	1.08 B	0.515B	0.400B	34.5 B	2.02	1.16	1.58	0.118	0.029E	0.950	1.42	20.0	2
3	1.15 B	0.500B	0.400B	31.0 B	2.01	1.07	1.28	0.362	0.030E	0.935	1.27	19.5	3
4	1.10 B	0.485B	0.430B	30.0 B	1.86	0.945	1.05	0.574	0.026E	1.27	1.17	13.5	4
5	1.05 B	0.475B	0.480B	25.2	1.77	1.04	0.878	0.386	0.023E	1.45	1.07	8.87	5
6	0.980B	0.455B	0.477B	22.4	2.60	1.10	0.724	0.279	0.023E	1.46	1.01	5.97	6
7	0.930B	0.450B	0.470B	20.2	3.37	1.02	0.816	0.267	0.024E	1.40	0.907	4.44	7
8	0.874B	0.435B	0.460B	17.0	3.18	0.895	0.822	0.255	0.021E	2.31	0.819	3.52	8
9	0.850B	0.421B	0.450B	13.6	3.15	1.62	0.652	0.258	0.072	2.25	0.808	3.00	9
10	0.820B	0.425B	0.440B	10.3	2.89	2.78	0.421	0.238	0.070	2.01	0.795	2.87	10
11	0.780B	0.420B	0.430B	8.31	2.51	3.17	0.392	0.232	0.082	1.84	0.751	2.89	11
12	0.760B	0.419B	0.422B	7.16	2.28	3.85	0.364	0.211	0.084	1.59	0.670B	2.65B	12
13	0.730B	0.417B	0.415B	6.27	2.06	3.52	0.350	0.191	0.088	1.32	0.780B	2.45B	13
14	0.710B	0.410B	0.408B	4.96	1.87	2.89	0.333	0.188	0.185	1.14	0.898B	2.30B	14
15	0.680B	0.405B	0.400B	2.77	1.88	2.30	0.333	0.148	0.197	1.01	0.705B	2.20B	15
16	0.680B	0.400B	0.395B	2.24	1.76	1.76	0.307	0.134	0.142	0.910	0.735B	2.00B	15
17	0.630B	0.400B	0.390B	2.35	1.54	1.50	0.268	0.113	0.154	0.822	0.794	1.80B	17
18	0.610B	0.395B	0.388B	2.51	1.36	1.19	0.239	0.103	0.101	0.741	0.867	1.60B	18
19	0.580B	0.392B	0.382B	2.61	1.15	0.976	0.205	0.044	0.088	0.897	1.05	1.71B	19
20	0.570B	0.389B	0.382B	2.83	0.858	0.827	0.181	0.065	0.142	0.873	1.27	1.62B	20
21	0.560B	0.385B	0.480B	2.37	0.823	0.886	0.187	0.058	1.22	0.853	1.85	1.58B	21
22	0.540B	0.380B	0.550B	2.27	0.802	0.847	0.168	0.061	1.16	0.880	1.88 B	1.50B	22
23	0.720B	0.379B	0.900B	2.10	0.863	0.739	0.169	0.057	1.01	0.844	1.78 B	1.41B	23
24	0.700B	0.375B	1.30 B	1.98	0.930	0.786	0.153	0.062	1.28	0.801	1.65	1.38B	24
25	0.670B	0.372B	1.85 B	1.82	0.852	1.17	0.152	0.049	1.39	0.848	1.61	1.32B	25
26	0.650B	0.370B	2.25 B	1.98	0.787	0.981	0.158	0.038	1.31	0.710	1.44 B	1.28B	26
27	0.620B	0.365B	2.92 B	1.48	0.886	0.886	0.172	0.033E	1.11	0.892	1.38 B	1.21B	27
28	0.600B	0.360B	3.10 B	1.29	0.805	2.55	0.140	0.029E	0.955	0.815	1.29 B	1.18B	28
29	0.580B		2.90 B	1.92	0.885	2.12	0.113	0.032E	0.765	1.31	1.20 B	1.12B	29
30	0.560B		2.80 B	2.12	0.859	2.04	0.106	0.040	0.777	1.38	1.70 B	1.08B	30
31	0.550B		7.00 B		0.789		0.116	0.033E		1.80		1.03B	31
			12.0 B										
TOTAL	23.434	11.734	43.136	286.80	60.269	47.370	14.051	4.735	12.569	35.481	34.986	139.51	TOTAL
MEAN	0.756	0.419	1.39	9.56	1.82	1.58	0.453	0.153	0.419	1.14	1.17	4.50	MEAN
MAX	1.16	0.535	12.0	34.5	3.37	3.85	1.91	0.574	1.38	2.31	1.85	22.3	MAX
MIN	0.540	0.365	0.358	1.29	0.502	0.886	0.106	0.029	0.021	0.801	0.670	1.03	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.53
MAXIMUM DAILY, 34.5B ON APR 2
MINIMUM DAILY, 0.021E ON SEP 6

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 12 35 N
LONG 67 15 45 W
DRAINAGE AREA, 115 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1980

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 020	JUL	1 210
FEB	1 010	AUG	408
MAR	3 730	SEP	1 650
APR	24 800	OCT	3 540
MAY	4 340	NOV	3 020
JUN	4 090	DEC	12 100

TOTAL DISCHARGE, 60 800 dam³

REMARKS - THE "B" FOR DISCHARGES BELOW .036 m³/s IS DUE TO CURVE EXTENSION

EEL RIVER NEAR DUNDEE - STATION NO 01BJ012

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.1918	0.1378	0.1108	3.43	1.30	0.373	0.778	0.172	0.128	0.185	0.314	3.74	1
2	0.1908	0.1348	0.1078	3.77	1.08	0.328	0.444	0.230	0.125	0.167	0.288	4.41	2
3	0.1888	0.1288	0.1188	3.80	0.851	0.297	0.376	0.234	0.126	0.183	0.282	2.98	3
4	0.1848	0.1368	0.117	4.38	0.907	0.280	0.491	0.348	0.125	0.204	0.289	1.87	4
5	0.1808	0.1408	0.128	4.69	0.804	0.288	0.803	0.389	0.118	0.283	0.470	1.54	5
6	0.1838	0.1408	0.128	4.87	0.785	0.315	0.580	0.287	0.116	0.245	0.830	1.34	6
7	0.1788	0.1348	0.120	5.71	1.28	0.312	0.413	0.228	0.117	0.213	0.413	1.10	7
8	0.1868	0.1408	0.123	4.78	1.14	0.283	0.388	0.219	0.112	0.417	0.380	1.05	8
9	0.1888	0.1308	0.123	3.80	0.973	0.263	0.376	0.287	0.132	0.420	0.374	0.888	9
10	0.1918	0.1188	0.123	3.65	0.928	0.284	0.413	0.250	0.228	0.384	0.344	0.827	10
11	0.1828	0.1208	0.128	4.28	0.848	0.251	0.342	0.223	0.185	0.313	0.315	0.810	11
12	0.1788	0.1188	0.124	4.30	0.988	0.228	0.314	0.235	0.189	0.288	0.295	0.725	12
13	0.1888	0.1188	0.127	4.10	0.852	0.240	0.288	0.264	0.182	0.239	0.2858	0.883	13
14	0.1958	0.1228	0.128	3.68	0.785	0.229	0.358	0.208	0.402	0.231	0.2708	0.8408	14
15	0.1738	0.1188	0.139	3.80	0.780	0.238	0.284	0.186	0.428	0.238	0.2678	0.8008	15
16	0.1738	0.1188	0.133	3.73	0.885	0.238	0.241	0.185	0.284	0.225	0.2408	0.5508	16
17	0.1768	0.1068	0.138	3.85	0.748	0.208	0.223	0.188	0.232	0.233	0.288	0.5208	17
18	0.1868	0.1028	0.138	4.77	0.700	0.187	0.230	0.198	0.204	0.226	0.350	0.4808	18
19	0.1878	0.1088	0.128	7.11	0.672	0.201	0.192	0.204	0.188	0.212	0.347	0.4608	19
20	0.1838	0.1138	0.137	5.64	0.582	0.238	0.189	0.198	0.188	0.183	0.3008	0.4308	20
21	0.1868	0.1148	0.1918	4.58	0.524	0.208	0.188	0.251	0.173	0.207	0.2878	0.4008	21
22	0.1658	0.1148	0.2858	3.81	0.503	0.208	0.188	0.198	0.183	0.195	0.281	0.3808	22
23	0.1488	0.1088	0.4228	2.88	0.539	0.188	0.187	0.208	0.188	0.188	0.289	0.3608	23
24	0.1438	0.1158	0.8998	2.61	0.508	0.194	0.180	0.193	0.154	0.204	0.300	0.3458	24
25	0.1838	0.1188	0.7898	1.95	0.480	0.202	0.173	0.191	0.158	0.278	0.282	0.3308	25
26	0.1878	0.1108	0.9328	1.55	0.454	0.171	0.178	0.173	0.185	0.388	0.281	0.3128	26
27	0.1418	0.1078	1.15 E	1.37	0.430	0.184	0.179	0.187	0.184	0.320	0.2378	0.3008	27
28	0.1468	0.1118	1.34 E	1.20	0.418	0.853	0.178	0.140	0.178	0.293	0.2288	0.2858	28
29	0.1498		1.49	1.10	0.405	0.455	0.157	0.123	0.177	0.343	0.2208	0.2758	29
30	0.1458		2.09	1.27	0.374	0.793	0.170	0.132	0.187	0.346	0.2808	0.2628	30
31	0.1358		2.93		0.388		0.168	0.133		0.332		0.2518	31
TOTAL	5.282	3.378	14.707	108.91	23.106	8.387	9.464	6.534	5.437	8.091	9.298	28.741	TOTAL
MEAN	0.170	0.121	0.474	3.86	0.745	0.280	0.305	0.211	0.181	0.261	0.310	0.927	MEAN
MAX	0.198	0.140	2.93	7.11	1.30	0.793	0.803	0.389	0.428	0.420	0.830	4.41	MAX
MIN	0.135	0.102	0.107	1.10	0.374	0.184	0.157	0.123	0.112	0.183	0.220	0.251	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.836
MAXIMUM DAILY, 7.11 ON APR 19
MINIMUM DAILY, 0.1028 ON FEB 16
MAXIMUM INSTANTANEOUS,
7.49 AT 00:17 AST ON APR 20

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 59 19 N
LONG 66 29 30 W
DRAINAGE AREA, 43.2 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	455	JUL	817
FEB	292	AUG	585
MAR	1 270	SEP	470
APR	9 500	OCT	693
MAY	2 000	NOV	803
JUN	725	DEC	2 480

TOTAL DISCHARGE 20 100 dam³

EEL RIVER NEAR SCOTT SIDING - STATION NO 01AK008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.028	1.358	1.298	63.28	11.8	3.83	6.97	0.917	0.308	6.37	5.63	22.1	1
2	3.728	1.358	1.288	86.5	12.0	3.70	5.09	0.887	0.290	6.35	5.08	38.8	2
3	3.408	1.358	1.298	92.6	11.5	4.07	4.25	0.858	0.328	6.41	4.98	40.9	3
4	3.208	1.358	1.298	90.4	10.8	3.95	3.72	1.02	0.335	6.55	4.76	34.1	4
5	3.008	1.348	1.288	84.9	9.93	4.18	3.17	1.02	0.356	7.28	4.76	28.6	5
6	2.808	1.348	1.288	78.5	8.37	4.18	2.74	0.879	0.288	7.07	4.71	23.5	6
7	2.608	1.348	1.288	78.0	10.6	3.98	2.46	0.767	0.234	6.75	4.61	21.5	7
8	2.468	1.348	1.288	76.7	11.5	3.53	2.30	0.740	0.1628	9.38	4.11	20.2	8
9	2.378	1.338	1.288	73.6	11.8	4.13	2.22	0.785	0.419	10.5	4.28	17.0	9
10	2.268	1.338	1.278	64.3	10.3	6.58	3.17	0.727	0.336	10.2	4.33	15.3	10
11	2.118	1.338	1.278	55.8	8.34	8.26	3.78	0.733	0.270	8.88	4.17	14.8	11
12	2.008	1.338	1.278	49.7	8.02	9.50	3.38	0.594	0.340	7.92	3.86	13.8	12
13	1.888	1.328	1.278	44.8	7.08	9.43	2.09	0.650	0.338	7.12	3.66	12.9 B	13
14	1.788	1.328	1.278	41.2	6.88	8.54	1.98	0.690	0.440	8.81	3.48	11.7 B	14
15	1.698	1.328	1.318	38.5	6.82	7.87	2.30	0.688	0.382	8.19	3.87	10.5 B	15
16	1.808	1.328	1.338	32.9	7.00	6.58	2.26	0.678	0.328	5.77	3.88	8.808	16
17	1.678	1.318	1.388	29.6	6.81	5.68	1.83	0.702	0.583	5.22	3.51	8.808	17
18	1.618	1.318	1.388	27.0	6.23	4.93	1.64	0.642	0.470	5.14	4.03	8.108	18
19	1.478	1.318	1.408	25.2	5.61	4.52	1.34	0.618	0.374	4.80	4.21	7.808	19
20	1.468	1.318	1.488	23.3	5.05	4.03	1.17	0.884	0.507	4.84	4.22	7.108	20
21	1.438	1.308	1.708	21.4	4.83	3.82	1.15	0.814	2.82	4.88	4.74	8.808	21
22	1.408	1.308	2.008	18.8	4.80	3.17	1.19	0.835	7.49	4.70	4.808	8.108	22
23	1.398	1.308	2.608	18.8	4.41	2.94	1.18	0.820	11.8	4.42	4.208	8.708	23
24	1.388	1.308	4.808	18.5	4.33	2.88	1.22	0.468	10.7	4.38	4.14	8.408	24
25	1.378	1.308	7.008	14.2	4.23	2.74	1.18	0.398	8.80	4.85	4.81	8.108	25
26	1.388	1.308	10.8 B	12.6	4.06	2.48	1.18	0.340	7.03	5.14	4.81	4.808	26
27	1.388	1.308	15.0 B	11.5	3.78	2.28	1.83	0.378	6.83	5.00	4.408	4.508	27
28	1.368	1.288	23.0 B	10.4	3.41	8.73	1.33	0.435	6.02	5.07	4.308	4.308	28
29	1.368		35.0 B	10.2	3.09	8.89	1.08	0.358	4.93	5.80	5.608	4.058	29
30	1.368		38.0 B	11.0	3.16	9.40	1.01	0.356	4.72	5.73	5.05	3.908	30
31	1.368		46.0 B		3.53		0.981	0.332		5.81		3.758	31
TOTAL	61.89	36.99	214.94	1 288.8	217.94	155.41	88.821	18.878	75.051	193.81	132.20	422.80	TOTAL
MEAN	2.00	1.32	6.93	43.3	7.03	5.18	2.22	0.841	2.50	6.39	4.41	13.8	MEAN
MAX	4.02	1.35	46.0	92.6	12.0	9.50	6.97	1.02	11.8	10.5	5.80	40.9	MAX
MIN	1.35	1.28	1.27	10.2	3.09	3.25	0.981	0.332	0.182	4.38	3.48	3.75	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.94
MAXIMUM DAILY, 92.6 ON APR 3
MINIMUM DAILY, 0.1628 ON SEP 8
MAXIMUM INSTANTANEOUS,
93.6 AT 08:59 AST ON APR 3

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 56 12 N
LONG 67 32 49 W
DRAINAGE AREA, 531 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 360	JUL	5 850
FEB	3 200	AUG	1 720
MAR	18 800	SEP	6 440
APR	112 000	OCT	16 800
MAY	18 800	NOV	11 400
JUN	13 400	DEC	38 500

TOTAL DISCHARGE 250 000 dam³

REMARKS - THE "E" FOR DISCHARGES BELOW 200 m³/s IS DUE TO CURVE EXTENSION

NEW BRUNSWICK

FISH RIVER NEAR FORT KENT - STATION NO. 01AE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	20.28	10.8 B	6.918	123	74.5	23.3	27.0	15.8	7.67	17.8	27.3	38.9	1
2	19.88	10.8 B	6.918	188	68.9	20.6	26.3	15.5	7.25	18.0	27.3	43.8	2
3	19.78	10.8 B	6.888	198	65.4	19.8	26.0	15.7	6.85	18.0	27.8	47.0	3
4	19.68	10.3 B	6.858	204	61.4	20.0	26.8	15.5	6.46	19.1	28.7	49.6	4
5	19.48	10.2 B	6.858	208	57.8	20.4	28.2	14.9	6.26	22.8	36.7	51.3	5
6	19.38	10.1 B	6.858	213	54.7	23.0	27.6	14.3	6.05	22.8	36.2	52.4	6
7	19.08	9.918	6.818	228	53.0	22.4	26.9	13.8	5.89	23.3	36.2	52.7	7
8	18.78	9.778	6.818	238	51.3	23.4	26.2	14.1	5.76	24.1	36.5	52.1	8
9	18.58	9.488	6.818	231	48.4	23.9	25.4	15.4	6.51	24.0	36.2	51.8	9
10	18.48	9.088	6.818	223	45.3	26.1	24.5	14.9	6.41	23.8	35.7	51.6	10
11	18.18	8.928	6.378	217	43.0	25.3	23.6	14.3	6.18	23.1	34.8	50.7	11
12	17.88	8.508	6.238	212	41.1	26.1	22.8	13.9	6.10	22.8	33.4	48.3	12
13	17.78	8.358	6.238	206	38.8	26.5	22.3	13.5	6.41	21.9	32.8	47.8	13
14	17.78	8.218	6.238	200	37.1	26.2	22.7	13.1	13.5	21.4	32.0	46.6	14
15	17.38	7.938	6.238	194	34.8	26.9	21.3	12.8	14.1	20.8	30.8	43.3	15
16	17.08	7.788	6.378	188	33.1	26.0	18.8	12.9	13.9	20.0	28.7	42.2	16
17	16.48	7.508	6.808	183	31.4	25.2	18.5	12.8	14.3	19.7	28.8	41.1	17
18	16.08	7.368	8.218	180	29.7	24.6	17.0	12.4	14.8	19.2	30.0	38.8	18
19	15.78	7.228	8.368	178	28.1	23.8	16.5	11.9	14.7	18.5	30.0	37.7	19
20	15.38	7.088	8.788	187	26.9	22.7	15.0	12.1	14.8	17.8	29.4	36.0	20
21	14.78	8.848	9.638	154	25.7	21.8	14.8	11.4	15.0	17.8	29.2	34.8	21
22	14.28	8.848	10.5 B	142	24.8	20.5	13.8	11.5	17.3	18.8	28.0	33.4	22
23	13.78	8.408	10.4 B	133	23.7	19.7	13.8	12.2	18.3	18.4	27.1	32.0	23
24	13.58	8.408	10.8 B	123	23.0	18.7	14.2	10.8	18.8	18.8	28.7	30.9	24
25	13.08	8.518	11.8 B	114	22.1	17.7	15.8	10.1	18.4	19.7	25.8	30.0	25
26	12.78	8.518	13.6 B	105	21.2	17.2	15.0	9.34	18.3	22.1	24.8	27.98	26
27	12.58	8.518	14.9 B	97.1	20.4	18.8	16.9	8.89	17.8	22.1	23.8	26.38	27
28	12.08	8.378	17.1 B	88.8	19.3	20.4	16.8	8.68	17.3	23.1	23.0	24.28	28
29	11.88		20.5 B	83.3	18.1	26.3	17.8	8.21	17.0	25.7	22.3	23.18	29
30	11.58		23.4 B	78.7	17.6	27.7	17.6	7.88	16.8	26.8	24.8	21.78	30
31	11.08		21.5 B		23.2		16.7	7.79		27.0		20.88	31
TOTAL	501.9	232.97	330.38	5 086.5	1 184.8	695.9	652.9	386.70	368.08	652.3	895.5	1 228.0	TOTAL
MEAN	16.2	8.32	10.7	170	37.8	23.2	21.1	12.5	12.2	21.0	28.9	39.6	MEAN
MAX	20.2	10.8	21.5	238	74.5	28.4	28.2	15.9	18.5	27.0	36.5	52.7	MAX
MIN	11.0	8.37	6.23	78.7	17.8	17.2	13.8	7.79	5.75	18.9	22.3	20.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 33.4
MAXIMUM DAILY, 238 ON APR 8
MINIMUM DAILY, 5.75 ON SEP 8
MAXIMUM INSTANTANEOUS,
238 AT 03:00 EST ON APR 8

SUMMARY FOR THE YEAR 1987

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 14 14 N
LONG 68 34 56 W
DRAINAGE AREA, 2 260 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	43 400	JUL	56 400
FEB	20 100	AUG	33 400
MAR	28 500	SEP	31 600
APR	440 000	OCT	56 400
MAY	101 000	NOV	77 400
JUN	60 100	DEC	106 000

TOTAL DISCHARGE, 1 050 000 dam³

FOREST CITY STREAM BELOW FOREST CITY DAM - STATION NO. 01AR011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.35	4.10	3.22	3.42	2.28	2.39	2.29	2.74	2.49	4.98	3.07	3.12	1
2	4.38	4.00	3.33	3.28	2.27	2.40	2.27	2.71	2.47	5.03	3.06	3.19	2
3	4.41	3.95	3.31	3.07	2.26	2.39	2.27	2.70	2.47	4.86	3.05	3.20	3
4	4.38	3.97	3.26	3.20	2.26	2.39	2.25	2.74	2.45	5.00	3.03	3.21	4
5	4.35	3.92	3.25	3.30	2.27	2.41	2.25	2.70	2.41	5.02	3.08	3.24	5
6	4.33	3.85	3.23	3.40	2.26	2.41	2.26	2.73	2.41	5.03	3.05	3.28	6
7	4.34	3.83	3.18	3.85	2.27	2.40	2.24	2.72	2.40	5.01	2.99	3.31	7
8	4.34	3.82	3.17	2.79	2.29	2.38	2.24	2.68	2.40	5.04	2.95	3.38	8
9	4.28	3.91	3.18	2.88	2.26	2.41	2.31	2.68	2.48	5.01	2.95	3.37	9
10	4.30	3.93	3.08	2.88	2.31	2.44	2.33	2.87	2.43	5.02	2.96	3.38	10
11	4.33	3.92	3.06	2.83	2.31	2.39	2.26	2.85	2.44	5.00	2.89	3.38	11
12	4.41	3.87	3.07	3.00	2.33	2.43	2.33	2.84	2.44	4.26	3.00	3.37	12
13	4.40	3.81	3.06	2.80	2.30	2.46	2.32	2.83	2.43	3.72	2.84	3.37	13
14	4.38	3.77	3.03	2.15	2.28	2.48	2.32	2.82	2.43	3.38	2.84	3.37	14
15	4.38	3.73	3.06	2.26	2.30	2.47	2.34	2.84	2.41	3.30	2.83	3.38	15
16	4.34	3.67	3.03	2.28	2.30	2.44	2.23	2.85	2.43	3.21	2.84	3.41	16
17	4.30	3.67	4.67	2.28	2.30	2.43	2.33	2.83	2.46	3.19	2.83	3.44	17
18	4.30	3.61	5.33	2.28	2.28	2.43	2.33	2.80	2.42	3.16	2.83	3.43	18
19	4.32	3.58	5.38	2.27	2.28	2.44	2.33	2.68	2.42	3.10	2.83	3.43	19
20	4.27	3.51	5.32	2.28	2.28	2.46	2.32	2.63	2.38	3.09	2.80	3.47	20
21	4.21	3.50	5.34	2.31	2.80	2.46	2.33	2.83	2.62	3.10	2.91	3.46	21
22	4.23	3.47	5.32	2.28	2.82	2.43	2.32	2.86	4.28	3.11	2.84	3.48	22
23	4.30	3.40	3.69	3.26	2.72	2.34	2.33	2.83	5.02	3.08	2.85	3.44	23
24	4.28	3.38	3.76	2.27	2.37	2.38	2.33	2.83	5.04	3.06	2.83	3.43	24
25	4.25	3.33	3.71	2.39	2.38	2.24	2.31	2.82	4.98	3.06	2.83	3.50	25
26	4.18	3.30	3.82	2.27	2.32	2.24	2.32	2.48	4.86	3.07	2.84	3.52	26
27	4.12	3.25	2.86	2.26	2.38	2.28	2.31	2.48	4.85	3.06	2.82	3.48	27
28	4.13	3.33	2.88	2.29	2.38	2.30	2.51	2.80	4.83	3.07	2.84	3.47	28
29	4.08		2.93	2.31	2.37	2.27	2.74	2.48	4.86	3.06	2.85	3.47	29
30	4.03		3.01	2.32	2.40	2.29	2.74	2.43	5.02	3.06	2.84	3.50	30
31	4.11		3.18		2.39		2.72	2.47		3.10		4.48	31
TOTAL	132.56	103.26	108.51	78.30	73.89	71.64	71.06	80.82	95.29	118.31	88.97	105.78	TOTAL
MEAN	4.28	3.69	3.50	2.61	2.35	2.38	2.29	2.81	3.18	3.85	2.87	3.41	MEAN
MAX	4.41	4.10	5.38	3.42	2.82	2.48	2.74	2.74	5.04	5.04	3.08	4.48	MAX
MIN	4.03	3.23	2.71	2.15	2.26	2.24	2.21	2.42	2.38	3.06	2.80	3.13	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.09
MAXIMUM DAILY, 5.38 ON MAR 18
MINIMUM DAILY, 2.15 ON APR 14
MAXIMUM INSTANTANEOUS
7.42 AT 09:14 EST ON OCT 12

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 39 51 N
LONG 67 44 04 W
DRAINAGE AREA, 357 km²

REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	11 500	JUL	6 140
FEB	8 920	AUG	6 990
MAR	9 380	SEP	8 230
APR	6 770	OCT	10 300
MAY	6 300	NOV	7 690
JUN	6 180	DEC	9 140

TOTAL DISCHARGE, 97 600 dam³

FORTY MILE BROOK (WEST BRANCH) AT CARIBOU DEPOT - STATION NO. 01BK008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.047	0.037	0.026	2.62 E	0.418	0.131	0.088	0.071	0.027	0.045	0.054	0.531	1
2	0.045	0.036	0.027	2.30 E	0.388	0.104	0.073	0.067	0.031	0.047	0.048	0.484	2
3	0.044	0.035	0.026	1.88 A	0.361	0.090	0.068	0.060	0.028	0.038	0.048	0.332	3
4	0.039	0.031	0.023	1.64	0.322	0.087A	0.068	0.057	0.036	0.048	0.054	0.708	4
5	0.039	0.033	0.033	1.52	0.310	0.095	0.078	0.060	0.025	0.057	0.081	1.09	5
6	0.038	0.031	0.033	1.28	0.336	0.095	0.080	0.048	0.023	0.045	0.078	0.662	6
7	0.039	0.029	0.023	1.06	0.374	0.089	0.068	0.048	0.023	0.043	0.0698	0.393	7
8	0.041	0.028	0.023	0.775	0.328	0.081	0.067	0.039	0.022	0.053	0.0818	0.324	8
9	0.040	0.028	0.024	0.687	0.280	0.078	0.065	0.035	0.047	0.048	0.054	0.222	9
10	0.039	0.029	0.024	0.687	0.255	0.079	0.064	0.031	0.072	0.044	0.053	0.187	10
11	0.037	0.030	0.023	0.753	0.237	0.078	0.061	0.032	0.051	0.039	0.0488	0.181	11
12	0.034	0.030	0.024	0.819	0.266	0.087	0.060	0.033	0.045	0.038	0.0458	0.154	12
13	0.036	0.029	0.024	0.791	0.238	0.087	0.057	0.028	0.040	0.038	0.041	0.149	13
14	0.037	0.030	0.023	0.735	0.217	0.085A	0.058	0.027	0.138	0.038	0.045	0.142	14
15	0.037	0.028	0.025	0.730	0.235	0.083A	0.055	0.027	0.089	0.038	0.045	0.1288	15
16	0.037	0.028	0.023	0.852	0.264	0.085A	0.054	0.041	0.084	0.035	0.053	0.1228	16
17	0.038	0.030	0.023	1.06 A	0.217	0.088A	0.051	0.038	0.084	0.036	0.050	0.1128	17
18	0.038	0.028	0.024	1.76 A	0.188	0.082	0.051	0.034	0.049	0.032	0.053	0.1028	18
19	0.038	0.028	0.023	2.18 A	0.186	0.084	0.048	0.032	0.047	0.028	0.050	0.0928	19
20	0.037	0.028	0.023	1.93 A	0.190	0.085	0.048	0.048	0.043	0.033	0.049	0.085	20
21	0.038	0.028	0.023	1.88	0.180	0.068	0.050	0.038	0.047	0.036	0.048	0.084	21
22	0.037	0.029	0.025	1.70	0.178	0.064	0.045	0.033	0.062	0.038	0.047	0.088	22
23	0.037	0.028	0.024	1.28	0.177	0.059	0.045	0.033	0.057	0.034	0.057	0.082	23
24	0.038	0.027	0.033	1.08	0.183	0.048	0.054	0.038	0.051	0.034	0.048	0.082	24
25	0.035	0.028	0.048	0.883	0.139	0.051	0.053	0.035	0.044	0.085	0.051	0.077	25
26	0.035	0.028	0.082	0.881	0.136	0.047	0.092	0.033	0.043	0.074	0.041	0.072	26
27	0.035	0.024	0.105	0.840	0.120	0.044	0.068	0.033	0.041	0.052	0.027	0.072	27
28	0.035	0.025	0.272	0.530	0.115A	0.243	0.050	0.030	0.040	0.048	0.028	0.078	28
29	0.034		0.382	0.488	0.115A	0.123	0.038	0.028	0.038	0.087	0.029	0.087	29
30	0.034		0.772	0.483	0.115A	0.120	0.037	0.027	0.037	0.059	0.054	0.084	30
31	0.036		3.59 A		0.119		0.051	0.026		0.051		0.057	31
TOTAL	1.170	0.822	5.811	35.825	7.178	2.342	1.479	1.245	1.403	1.373	1.454	7.198	TOTAL
MEAN	0.038	0.029	0.187	1.19	0.232	0.078	0.048	0.040	0.047	0.044	0.048	0.232	MEAN
MAX	0.047	0.037	3.59	2.62	0.418	0.243	0.092	0.071	0.138	0.074	0.081	1.09	MAX
MIN	0.034	0.024	0.023	0.483	0.115	0.039	0.028	0.026	0.022	0.028	0.027	0.057	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.184
MAXIMUM DAILY, 3.59A ON MAR 31
MINIMUM DAILY, 0.022 ON SEP 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 33 34 N
LONG 68 18 42 W
DRAINAGE AREA, 13.0 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	101	JUL	128
FEB	71.0	AUG	106
MAR	502	SEP	121
APR	3 100	OCT	118
MAY	620	NOV	126
JUN	202	DEC	622

TOTAL DISCHARGE 5 820 dam³

FRENCH LAKE AT LAKEVILLE CORNER - STATION NO 01AD010

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.344	1.170	0.883	2.082	2.320	1.243	---	---	---	---	---	1.418	1
2	1.364	1.167	0.881	2.836	2.301	1.224	---	---	---	---	---	1.883	2
3	1.393	1.163	0.924	3.705	2.233	1.188	---	---	---	---	---	1.929	3
4	---	1.165	0.959	4.526	2.134	1.161	---	---	---	---	---	2.169	4
5	---	1.153	0.985	4.923	2.026	1.187	---	---	---	---	---	2.337	5
6	---	1.127	0.946	4.920	1.925	1.151	---	---	---	---	---	2.356	6
7	---	1.087	0.910	4.903	1.849	1.105	---	---	---	---	1.490	2.309	7
8	---	1.034	0.888	4.917	1.788	1.085	---	---	---	---	1.645	2.254	8
9	---	0.986	0.826	4.888	1.720	1.118	---	---	---	---	1.595	2.194	9
10	---	0.888	0.789	4.811	1.681	1.182	---	---	---	---	1.524	2.122	10
11	---	0.839	0.788	4.686	1.611	1.235	---	---	---	---	1.482	2.052	11
12	---	0.824	0.781	4.567	1.590	1.373	---	---	---	---	1.441	2.010	12
13	---	0.803	0.733	4.428	1.590	1.471	---	---	---	---	1.339	1.930	13
14	---	0.881	0.718	4.285	1.801	1.532	---	---	---	---	1.288	1.839	14
15	---	0.876	0.707	4.148	1.632	1.511	---	---	---	---	1.235	1.733	15
16	---	0.882	0.714	4.025	1.822	1.491	---	---	---	---	1.188	1.684	16
17	---	0.859	0.781	3.906	1.595	---	---	---	---	---	1.145	1.626	17
18	---	0.884	0.770	3.798	1.583	---	---	---	---	---	1.145	1.624	18
19	---	0.866	0.783	3.682	1.557	---	---	---	---	---	1.188	1.602	19
20	1.087	0.874	0.813	3.556	1.526	---	---	---	---	---	1.216	1.606	20
21	1.068	0.873	0.824	3.446	1.481	---	---	---	---	---	1.261	1.604	21
22	1.101	0.868	0.828	3.324	1.403	---	---	---	---	---	1.339	1.605	22
23	1.121	0.846	0.823	3.207	1.388	---	---	---	---	---	1.417	1.606	23
24	1.130	0.833	0.811	3.067	1.329	---	---	---	---	---	1.462	1.638	24
25	---	0.824	0.822	2.933	1.273	---	---	---	---	---	1.474	1.634	25
26	---	0.821	0.867	2.784	1.247	---	---	---	---	---	1.469	1.600	26
27	---	0.831	0.965	2.660	1.236	---	---	---	---	---	1.418	1.561	27
28	---	0.844	1.118	2.578	1.247	---	---	---	---	---	1.387	1.481	28
29	---		1.303	2.506	1.248	---	---	---	---	---	1.334	1.432	29
30	1.122		1.507	2.401	1.238	---	---	---	---	---	1.293	1.400	30
31	1.155		1.789		1.234		---	---		---		1.373	31
MEAN	---	0.851	0.908	3.745	1.618	---	---	---	---	---	---	1.785	MEAN
MAX	---	1.170	1.789	4.923	2.320	---	---	---	---	---	---	2.356	MAX
MIN	---	0.821	0.707	2.082	1.234	---	---	---	---	---	---	1.373	MIN

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MAXIMUM DAILY, 4.923 ON APR 5

MAXIMUM INSTANTANEOUS,
4.949 AT 10 06 AST ON APR 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 54 30 N
LONG 68 15 31 W

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

NEW BRUNSWICK

GRAND FALLS FLOWAGE AT GRAND FALLS - STATION NO. 01AR013

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	61.554	61.612	61.580	61.793	61.343	61.548	61.707	61.482	61.386	61.310	61.428	61.736	1
2	61.589	61.655	61.603	61.918	61.421	61.581	61.692	61.496	61.347	61.321	61.436	61.916	2
3	*61.606*	*61.696*	*61.613*	*61.944*	*61.446*	*61.588*	*61.687*	*61.554*	*61.293*	*61.327*	*61.441*	*61.980*	3
4	61.637	61.553	61.618	61.907	61.422	61.554	61.687	61.554	61.253	61.377	61.437	61.951	4
5	61.664	61.536	61.617	61.847	61.433	61.545	61.680	61.557	61.263	61.411	61.439	61.951	5
6	61.685	61.588	61.613	61.806	61.451	61.543	61.683	61.547	61.290	61.382	61.458	61.940	6
7	61.676	61.618	61.605	61.827	61.491	61.567	61.673	61.546	61.301	61.383	61.464	61.936	7
8	61.698	61.637	61.576	61.803	61.516	61.574	61.646	61.544	61.297	61.378	61.486	61.917	8
9	61.704	61.628	61.586	61.785	61.533	61.597	61.628	61.546	61.297	61.411	61.456	61.897	9
10	61.672	61.567	61.588	61.789	61.544	61.637	61.608	61.550	61.282	61.428	61.452	61.885	10
11	61.653	61.516	61.583	61.788	61.538	61.593	61.594	61.541	61.264	61.443	61.419	61.841	11
12	61.657	61.556	61.582	61.795	61.545	61.587	61.589	61.534	61.259	61.444	61.403	61.811	12
13	61.641	61.590	61.580	61.811	61.547	61.592	61.595	61.538	61.261	61.438	61.408	61.802	13
14	61.603	61.606	61.580	61.872	61.562	61.584	61.584	61.536	61.297	61.426	61.412	61.816	14
15	61.553	61.605	61.575	61.890	61.552	61.592	61.575	61.530	61.318	61.439	61.427	61.792	15
16	61.532	61.604	61.574	61.899	61.537	61.578	61.558	61.529	61.318	61.425	61.428	61.775	16
17	61.523	61.606	61.578	61.880	61.547	61.570	61.540	61.521	61.309	61.384	61.414	61.752	17
18	61.516	61.603	61.583	61.858	61.541	61.558	61.530	61.482	61.291	61.377	61.424	61.724	18
19	61.520	61.604	61.588	61.830	61.530	61.555	61.503	61.456	61.281	61.361	61.426	61.706	19
20	61.493	61.607	61.591	61.799	61.521	61.541	61.482	61.488	61.282	61.341	61.429	61.884	20
21	61.459	61.604	61.612	61.771	61.518	61.533	61.474	61.475	61.319	61.320	61.470	61.872	21
22	61.448	61.601	61.622	61.721	61.504	61.538	61.442	61.483	61.370	61.305	61.507	61.858	22
23	61.523	61.587	61.671	61.679	61.485	61.523	61.421	61.486	61.427	61.287	61.507	61.826	23
24	61.571	61.583	61.698	61.623	61.509	61.510	61.423	61.463	61.484	61.285	61.509	61.793	24
25	61.621	61.590	61.654	61.582	61.536	61.576	61.427	61.441	61.459	61.286	61.500	61.780	25
26	61.654	61.588	61.442	61.534	61.544	61.566	61.455	61.407	61.456	61.297	61.500	61.630	26
27	61.688	61.588	61.420	61.475	61.544	61.543	61.506	61.386	61.460	61.280	61.534	61.492	27
28	61.710	61.589	61.416	61.404	61.532	61.585	61.514	61.372	61.437	61.279	61.549	61.453	28
29	61.701		61.443	61.352	61.509	61.654	61.510	61.380	61.403	61.331	61.566	61.413	29
30	61.670		61.525	61.324	61.506	61.590	61.510	61.361	61.383	61.379	61.581	61.404	30
31	61.592		61.650		61.518		61.495	61.372		61.406		61.385	31
MEAN	61.608	61.595	61.564	61.744	61.508	61.630	61.562	61.488	61.334	61.384	61.463	61.729	MEAN
MAX	61.710	61.655	61.650	61.944	61.562	61.697	61.707	61.557	61.480	61.444	61.581	61.980	MAX
MIN	61.448	61.516	61.416	61.324	61.343	61.543	61.421	61.380	61.253	61.278	61.403	61.385	MIN

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN, 61.547
MAXIMUM DAILY, 61.980 ON DEC 3
MINIMUM DAILY, 61.253 ON SEP 4
MAXIMUM INSTANTANEOUS,
61.998 AT 15:52 EST ON DEC 3

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 16 30 N
LONG 67 29 46 W

REGULATED

GRAND LAKE AT FOREST CITY - STATION NO. 01AR009

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	131.275	131.234	131.149	131.284	131.878	131.992	132.019	131.893	131.698	131.726	131.886	131.691	1
2	131.282	131.233	131.156	131.346	131.975	131.990	132.015	131.888	131.697	131.722	131.883	131.735	2
3	131.284	131.234	131.161	131.394	131.975	131.990	132.009	131.882	131.685	131.720	131.859	131.758	3
4	131.279	131.227	131.165	131.441	131.976	131.988	132.005	131.885	131.672	131.724	131.854	131.760	4
5	131.277	131.221	131.163	131.484	131.978	131.989	132.006	131.884	131.681	131.726	131.853	131.801	5
6	131.274	131.214	131.154	131.537	131.984	131.996	132.002	131.874	131.657	131.721	131.855	131.818	6
7	131.272	131.219	131.153	131.603	131.987	131.994	131.995	131.869	131.654	131.718	131.838	131.820	7
8	131.266	131.219	131.153	131.660	132.002	131.987	131.993	131.862	131.657	131.737	131.835	131.818	8
9	131.266	131.219	131.153	131.704	132.002	131.989	131.994	131.853	131.668	131.739	131.836	131.806	9
10	131.269	131.214	131.148	131.748	132.005	132.029	131.987	131.851	131.693	131.736	131.829	131.815	10
11	131.273	131.207	131.145	131.785	132.001	132.025	131.982	131.849	131.684	131.733	131.831	131.830	11
12	131.268	131.208	131.148	131.816	132.001	132.030	131.978	131.839	131.672	131.725	131.835	131.842	12
13	131.267	131.199	131.140	131.841	132.005	132.021	131.977	131.830	131.680	131.716	131.822	131.839	13
14	131.262	131.199	131.154	131.861	131.998	132.018	131.974	131.823	131.682	131.712	131.813	131.839	14
15	131.276	131.194	131.148	131.880	132.002	132.028	131.985	131.817	131.685	131.716	131.808	131.838	15
16	131.273	131.191	131.148	131.894	132.012	132.022	131.990	131.812	131.675	131.715	131.804	131.836	16
17	131.269	131.186	131.159	131.906	132.005	132.014	131.984	131.807	131.684	131.703	131.804	131.861	17
18	131.265	131.181	131.168	131.911	132.005	132.012	131.976	131.806	131.677	131.694	131.807	131.877	18
19	131.274	131.179	131.175	131.924	131.998	132.008	131.971	131.804	131.658	131.695	131.800	131.873	19
20	131.270	131.183	131.178	131.934	131.996	132.008	131.969	131.791	131.668	131.685	131.804	131.874	20
21	131.260	131.184	131.178	131.945	131.992	131.998	131.958	131.781	131.723	131.688	131.814	131.874	21
22	131.257	131.182	131.165	131.951	131.991	131.992	131.954	131.770	131.741	131.668	131.813	131.884	22
23	131.264	131.178	131.136	131.947	131.984	131.984	131.949	131.758	131.745	131.678	131.805	131.885	23
24	131.268	131.174	131.132	131.953	131.985	131.973	131.944	131.754	131.743	131.683	131.808	131.888	24
25	131.258	131.168	131.135	131.959	131.989	131.967	131.950	131.743	131.737	131.688	131.813	131.888	25
26	131.255A	131.161	131.143	131.959	131.987	131.961	131.946	131.737	131.739	131.677	131.818	131.872	26
27	---	131.155	131.164	131.954	131.992	131.948	131.935	131.730	131.719	131.685	131.812	131.878	27
28	---	131.147	131.174	131.952	131.990	132.002	131.931	131.711	131.711	131.683	131.809	131.870	28
29	131.236A		131.187	131.970	131.986	132.013	131.925	131.718	131.701	131.686	131.804	131.864	29
30	131.235		131.206	131.980	131.988	132.016	131.914	131.715	131.700	131.681	131.804	131.865	30
31	131.237		131.239		131.983		131.904	131.700		131.674		131.882	31
MEAN	---	131.197	131.159	131.784	131.894	131.995	131.971	131.808	131.692	131.703	131.833	131.837	MEAN
MAX	---	131.234	131.229	131.980	132.012	132.029	132.019	131.893	131.745	131.739	131.866	131.881	MAX
MIN	---	131.147	131.132	131.284	131.975	131.948	131.904	131.700	131.654	131.683	131.804	131.691	MIN

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MAXIMUM DAILY, 132.029 ON JUN 10
MINIMUM DAILY, 131.132 ON MAR 24
MAXIMUM INSTANTANEOUS
132.034 AT 07:58 EST ON JUN 10

WATER LEVELS ARE REFERRED TO INTERNATIONAL BOUNDARY COMMISSION DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 38 54 N
LONG 67 44 10 W

A - MANUAL GAUGE

REGULATED

GRAND LAKE AT NEWCASTLE CREEK - STATION NO. 01A0003

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.281	1.177	0.933	3.300	2.373	1.181	1.244	0.975	0.885	1.212	1.384	1.382	1
2	1.302	1.178	0.858	2.911	2.287	1.140	1.225	0.943	0.846	1.267	1.371	1.692	2
3	1.324	1.178	1.013	3.808	2.180	1.132	1.203	0.942	0.827	1.288	1.384	2.021	3
4	1.344	1.180	1.040	4.547	2.067	1.137	1.188	0.944	0.817	1.279	1.384	2.235	4
5	1.330	1.176	1.038	4.985	1.927	1.122	1.162	0.953	0.820	1.321	1.423	2.331	5
6	1.301	1.145	1.024	5.030	1.824	1.088	1.110	0.968	0.824	1.347	1.469	2.342	6
7	1.288	1.087	0.980	5.008	1.770	1.061	1.133	0.955	0.848	1.393	1.530	2.282	7
8	1.267	1.038	0.928	5.033	1.710	1.025	1.145	0.889	0.872	1.459	1.569	2.228	8
9	1.219	0.988	0.892	4.989	1.651	1.039	1.145	0.978	0.895	1.521	1.572	2.144	9
10	1.178	0.988	0.889	4.906	1.600	1.097	1.173	0.987	0.944	1.534	1.486	2.047	10
11	1.136	0.978	0.852	4.771	1.548	1.183	1.206	1.006	0.976	1.470	1.426	1.954	11
12	1.131	0.948	0.825	4.618	1.558	1.292	1.215	1.037	0.989	1.412	1.374	1.879	12
13	1.110	0.924	0.808	4.458	1.584	1.372	1.221	1.060	0.982	1.354	1.287	1.800	13
14	1.086	0.928	0.787	4.318	1.583	1.411	1.248	1.063	0.986	1.301	1.264	1.720	14
15	1.083	0.917	0.802	4.180	1.608	1.428	1.278	1.066	0.999	1.254	1.208	1.652	15
16	1.072	0.912	0.817	4.088	1.587	1.431	1.282	1.081	0.976	1.178	1.134	1.552	16
17	1.075	0.907	0.855	3.952	1.559	1.420	1.232	1.041	0.948	1.116	1.112	1.486	17
18	1.071	0.899	0.880	3.835	1.512	1.412	1.209	1.009	0.906	1.072	1.134	1.480	18
19	1.083	0.908	0.887	3.719	1.509	1.414	1.154	0.985	0.885	1.029	1.153	1.475	19
20	1.067	0.905	0.914	3.588	1.462	1.413	1.103	0.941	0.870	1.010	1.183	1.476	20
21	1.082	0.914	0.928	3.473	1.410	1.381	1.074	0.914	0.882	1.020	1.278	1.472	21
22	1.085	0.916	0.932	3.337	1.358	1.303	1.044	0.929	0.923	1.030	1.378	1.483	22
23	1.080	0.895	0.923	3.224	1.299	1.259	1.030	0.918	1.048	1.028	1.425	1.481	23
24	1.124	0.883	0.918	3.080	1.254	1.207	1.044	0.888	1.182	1.032	1.444	1.514	24
25	1.129	0.883	0.943	2.911	1.215	1.140	1.023	0.881	1.228	1.073	1.441	1.493	25
26	1.087	0.879	0.985	2.775	1.193	1.109	1.011	0.872	1.285	1.096	1.378	1.487	26
27	1.088	0.892	1.102	2.646	1.190	1.088	1.011	0.884	1.243	1.127	1.355	1.441	27
28	1.082	0.915	1.269	2.531	1.209	1.072	1.008	0.886	1.205	1.186	1.349	1.428	28
29	1.116		1.463	2.423	1.193	1.087	1.009	0.873	1.182	1.247	1.289	1.394	29
30	1.130		1.659	2.397	1.177	1.183	1.005	0.866	1.194	1.361	1.259	1.366	30
31	1.142		1.912		1.179		0.999	0.863		1.392		1.332	31
MEAN	1.156	0.984	1.005	3.794	1.566	1.218	1.132	0.954	0.980	1.239	1.346	1.709	MEAN
MAX	1.344	1.180	1.912	5.033	2.373	1.431	1.278	1.066	1.288	1.534	1.589	2.342	MAX
MIN	1.082	0.879	0.787	2.300	1.177	1.025	0.999	0.863	0.817	1.010	1.112	1.332	MIN

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN, 1.423
MAXIMUM DAILY, 5.033 ON APR 8
MINIMUM DAILY, 0.787 ON MAR 14
MAXIMUM INSTANTANEOUS,
5.042 AT 18:03 AST ON APR 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 03 37 N
LONG 66 00 13 W

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

GRANDE RIVIERE AT VIOLETTE BRIDGE - STATION NO. 01AF007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.15 B	0.840B	0.498B	52.8	5.50	2.38	7.08	3.24	1.61	6.95	4.68	37.2	1
2	2.05 B	0.830B	0.492B	68.5	5.31	2.41	4.86	2.80	1.71	7.10	4.48	50.7	2
3	1.96 B	0.820B	0.486B	49.8	4.82	1.90	3.69	2.98	1.72	4.95	4.03	23.2	3
4	1.88 B	0.810B	0.480B	34.9	4.56	1.70	3.28	3.51	1.62	4.47	4.44A	16.1	4
5	1.82 B	0.800B	0.475B	32.4	4.24	2.01	4.41	3.01	1.54	8.29	10.8 A	14.0 B	5
6	1.76 B	0.790B	0.470B	28.8	3.91	8.03	4.18	5.82	1.38	6.87	11.0	11.2 B	6
7	1.68 B	0.780B	0.466B	33.0	5.89	6.18	3.01	3.74	1.28	5.08	7.52	10.0 B	7
8	1.62 B	0.770B	0.463B	31.5	7.72	3.80	2.44	2.98	1.23	5.22	5.89	10.5 B	8
9	1.57 B	0.752B	0.460B	25.2	5.38	3.02	2.04	4.18	1.55	8.20	5.47	8.208	9
10	1.52 B	0.747B	0.458B	19.7	4.15	3.82	2.42	4.07	5.89	6.22	4.88	8.808	10
11	1.47 B	0.740B	0.456B	18.2	3.54	3.81	2.33	3.81	8.04	5.12	4.46	8.058	11
12	1.42 B	0.720B	0.454B	16.8	3.85	2.80	2.28	5.85	4.38	4.80	4.328	8.558	12
13	1.38 B	0.700B	0.452B	14.5	4.11	2.54	2.19	4.05	3.31	4.02	4.058	8.058	13
14	1.30 B	0.680B	0.451B	12.4	3.35	2.31	2.00	3.06	5.17	3.58	3.858	8.808	14
15	1.25 B	0.660B	0.450B	11.2	3.22	2.54	2.07	2.54	8.33	3.38	3.558	8.558	15
15	1.22 B	0.640B	0.449B	10.5	4.09	3.12	2.14	2.99	5.91	3.18	3.408	8.308	16
17	1.19 B	0.630B	0.448B	10.2	3.58	2.22	1.76	4.88	4.19	3.06	3.308	8.108	17
18	1.16 B	0.620B	0.447B	10.1	3.13	1.71	1.58	3.78	3.37	3.08	3.708	8.908	18
19	1.13 B	0.610B	0.455B	10.4	2.88	1.58	1.48	2.83	2.87	3.13	5.18	8.758	19
20	1.10 B	0.595B	0.485B	9.21	2.75	2.50	1.38	3.06	2.38	3.23	4.34	8.598	20
21	1.07 B	0.580B	0.490B	8.18	2.57	1.83	1.32	4.82	2.38	3.08	4.18	8.358	21
22	1.04 B	0.565B	0.570B	7.48	2.53	1.82	1.18	3.55	5.10	3.18	8.958	8.188	22
23	1.01 B	0.552B	1.10 B	8.88	2.48	1.40	1.21	5.82	5.60	3.27	8.708	8.048	23
24	0.980B	0.540B	1.80 B	8.30	2.26	1.33	2.42	5.28	4.60	3.31	8.558	2.880	24
25	0.950B	0.532B	1.80 B	8.45	2.05	1.33	10.0	3.84	3.67	4.18A	8.49	2.758	25
26	0.930B	0.524B	2.80 B	8.47	1.81	1.38	8.31	3.18	3.11	9.20A	8.82	2.608	26
27	0.900B	0.513B	3.80 B	8.48	1.80	1.24	4.01	2.88	2.84	6.80	8.708	2.488	27
28	0.880B	0.505B	5.80 B	8.46	1.81	8.57	3.57	2.38	2.83	5.28	4.10P	2.388	28
29	0.870B		9.20 B	8.20	1.81	14.0	2.87	2.02	2.37	6.04	8.34	2.268	29
30	0.860B		14.4 B	8.83	1.45	7.88	2.38	1.85	2.30	8.47	8.52	2.188	30
31	0.850B		27.0 B		1.85		3.42	1.70		8.59		2.088	31
TOTAL	40.880	18.845	77.835	560.18	107.80	102.28	95.25	122.48	100.90	157.09	145.49	282.64	TOTAL
MEAN	1.32	0.673	2.50	18.7	3.48	3.41	3.07	3.95	3.36	5.07	4.85	8.47	MEAN
MAX	2.15	0.840	27.0	68.5	7.72	14.0	10.0	8.91	8.33	9.20	11.0	50.7	MAX
MIN	0.850	0.505	0.447	4.20	1.45	1.24	1.18	1.70	1.23	3.08	3.30	2.08	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.81
MAXIMUM DAILY, 68.5 ON APR 2
MINIMUM DAILY, 0.447B ON MAR 18
MAXIMUM INSTANTANEOUS,
70.3 AT 14:29 AST ON APR 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 14 45 N
LONG 67 55 15 W
DRAINAGE AREA, 339 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 540	JUL	8 230
FEB	1 630	AUG	10 600
MAR	6 710	SEP	8 720
APR	48 400	OCT	13 600
MAY	9 310	NOV	12 600
JUN	8 840	DEC	22 700

TOTAL DISCHARGE 155 000 dam³

GREEN RIVER NEAR RIVIERE-VERTE - STATION NO. 01AF003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	12.8 B	9.928	5.928	123 B	30.4	16.1	25.2	11.4	17.3	11.6	28.0	58.3	1
2	10.3 B	9.468	5.428	240 B	22.3	11.4	22.8	10.9	13.2	9.87	24.0	81.3	2
3	13.8 B	7.758	4.928	226	23.8	13.3	23.3	11.4	8.72	11.2	25.7	82.8	3
4	18.2 B	5.868	5.548	150	22.6	11.8	23.7	15.7	2.25	9.33	26.2	74.7	4
5	17.1 B	5.868	3.968	118	18.3	12.9	26.8	13.2	1.93	12.3	32.0	70.0	5
6	20.5 B	5.178	3.538	111	20.0	14.7	25.0	11.3	8.30	13.0	34.3	61.8	6
7	19.4 B	4.638	4.008	126	23.2	14.7	19.2	11.5	7.61	11.0	35.0	60.6	7
8	12.5 B	4.308	3.428	136	25.2	14.5	19.6	10.6	7.29	14.8	36.5	42.0 B	8
9	17.5 B	4.338	3.288	127	17.3	13.9	18.9	19.3	9.20	14.4	36.7	36.0 B	9
10	17.3 B	4.488	3.078	113	18.7	14.8	19.9	17.1	13.0	14.2	35.9	31.0 B	10
11	18.3 B	4.158	2.008	101	18.8	13.7	15.7	14.4	10.5	14.3	31.6	26.5 B	11
12	16.9 B	3.628	2.258	93.7	19.0	12.9	21.4	17.3	10.2	15.6	32.9	23.0 B	12
13	12.9 B	2.068	2.128	86.6	18.6	12.1	14.9	13.4	8.91	13.3	34.3	22.0 B	13
14	15.4 B	5.328	2.418	93.2	17.9	12.4	17.0	13.7	11.8	14.6	30.0	21.0 B	14
15	12.3 B	7.478	2.418	82.0	17.3	10.8	14.3	12.4	13.3	14.8	27.7	14.4 B	15
16	11.3 B	6.308	2.588	74.3	17.2	13.6	17.1	15.3	9.20	14.0	24.8	17.5 B	16
17	11.7 B	5.868	2.728	70.3	16.7	10.8	15.2	15.2	10.2	13.0	19.1	19.0 B	17
18	11.3 B	5.198	2.488	67.8	15.6	10.7	13.0	16.0	9.72	13.9	27.0	19.0 B	18
19	9.888	5.148	2.258	71.5	16.0	11.2	12.8	15.8	9.60	13.0	24.8	15.0 B	19
20	8.968	4.028	2.728	71.7	15.1	11.3	12.3	23.5	10.1	12.6	21.7	12.7 B	20
21	8.808	4.258	2.728	69.3	14.3	9.82	11.3	27.7	10.2	13.5	21.5	11.5 B	21
22	8.808	4.158	3.648	55.5	13.1	9.42	12.8	19.7	10.8	13.2	17.5	13.5 B	22
23	7.068	3.308	3.948	52.3	15.7	8.81	10.9	25.5	11.2	11.1	17.8	12.4 B	23
24	6.338	3.448	4.608	48.1	14.3	10.3	15.8	17.3	9.01	13.0	19.2	11.0 B	24
25	6.468	3.538	5.628	37.5	13.6	9.63	16.9	26.5	9.60	13.6	17.0	10.0 B	25
26	5.738	3.318	8.348	35.5	14.4	8.98	14.1	22.5	9.89	23.2	16.4	8.928	26
27	4.728	3.968	9.468	31.4	11.1	11.3	12.7	19.3	10.1	18.6	12.0	8.008	27
28	5.098	3.688	13.9 B	31.0	14.5	23.1	11.7	12.7	9.63	20.4	14.0	8.648	28
29	5.028		18.7 B	27.3	12.9	24.7	11.5	13.2	7.44	26.1	14.9	9.368	29
30	5.788		25.8 B	29.4	12.1	23.8	13.0	8.64	8.99	24.1	19.0	8.808	30
31	8.018		46.5 B		12.2		11.9	11.9		25.2		10.4 B	31
TOTAL	359.06	141.50	212.22	2 699.4	544.4	397.67	621.5	494.34	289.19	463.00	757.3	888.12	TOTAL
MEAN	11.6	5.05	6.85	90.0	17.6	13.3	16.8	15.9	9.64	14.9	25.2	28.6	MEAN
MAX	20.5	9.92	46.5	240	30.4	24.7	26.8	27.7	17.3	26.1	36.7	82.8	MAX
MIN	4.72	2.06	2.00	27.3	11.1	8.81	10.9	8.64	1.93	9.33	12.0	8.00	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 21.3
MAXIMUM DAILY, 240B ON APR 2
MINIMUM DAILY, 1.93 ON SEP 5
MAXIMUM INSTANTANEOUS
289 AT 22 00 AST ON APR 2

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 20 05 N
LONG 68 08 05 W
DRAINAGE AREA, 1 150 km²

B - ICE CONDITIONS

REGULATED SINCE 1962

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	31 800	JUL	45 100
FEB	12 200	AUG	42 700
MAR	18 300	SEP	25 000
APR	233 600	OCT	40 000
MAY	47 000	NOV	65 400
JUN	34 400	DEC	76 700

TOTAL DISCHARGE, 671 000 dam³

HAYDEN BROOK NEAR NARROWS MOUNTAIN - STATION NO 01AL003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.065	0.036	0.024	0.857	0.214	0.078	0.083	0.028	0.018	0.263	0.109	1.71	1
2	0.065	0.037	0.023	0.853	0.185	0.062	0.053	0.026	0.020	0.108	0.100	0.535	2
3	0.065	0.034	0.024	0.838	0.166	0.053	0.048	0.035	0.019	0.076	0.098	0.345	3
4	0.064	0.033	0.024	0.700	0.141	0.050	0.048	0.043	0.017	0.150	0.150	0.2798	4
5	0.063	0.033	0.023	0.720	0.132	0.050	0.049	0.028	0.017	0.152	0.194	0.243	5
6	0.060	0.034	0.023	0.807	0.138	0.063	0.045	0.025	0.016	0.098	0.149	0.224	6
7	0.058	0.033	0.022	0.863	0.237	0.057	0.040	0.022	0.015	0.560	0.121	0.2048	7
8	0.057	0.032	0.023	0.639	0.168	0.047	0.035	0.022	0.016	0.196	0.1088	0.1898	8
9	0.056	0.031	0.023	0.517	0.136	0.047	0.035	0.023	0.163	0.136	0.119	0.178	9
10	0.053	0.031	0.022	0.533	0.121	0.184	0.037	0.022	0.086	0.105	0.118	0.174	10
11	0.051	0.028	0.022	0.646	0.111	0.121	0.038	0.029	0.037	0.080	0.108	0.168	11
12	0.051	0.027	0.021	0.584	0.114	0.085	0.038	0.029	0.028	0.083	0.104	0.156	12
13	0.050	0.027	0.021	0.598	0.108	0.108	0.037	0.024	0.025	0.082	0.1008	0.144	13
14	0.049	0.028	0.021	0.522	0.098	0.069	0.038	0.022	0.146	0.080	0.096	0.1388	14
15	0.050	0.028	0.021	0.515	0.110	0.096	0.083	0.021	0.064	0.077	0.096	0.1328	15
16	0.046	0.026	0.022	0.516	0.125	0.067	0.047	0.022	0.031	0.075	0.0918	0.1258	16
17	0.047	0.027	0.021	0.506	0.103	0.054	0.034	0.023	0.063	0.070	0.0888	0.1198	17
18	0.046	0.027	0.020	0.504	0.089	0.047	0.030	0.021	0.037	0.074	0.132	0.1128	18
19	0.045	0.027	0.021	0.503	0.084	0.044	0.027	0.018	0.027	0.076	0.127	0.1088	19
20	0.044	0.025	0.021	0.401	0.081	0.043	0.027	0.019	0.026	0.073	0.105	0.1028	20
21	0.041	0.026	0.025	0.345	0.078	0.037	0.030	0.018	0.286	0.073	0.0898	0.0978	21
22	0.044	0.026	0.044	0.287	0.075	0.036	0.030	0.018	0.215	0.102	0.0868	0.0938	22
23	0.044	0.026	0.058	0.242	0.097	0.035	0.031	0.018	0.145	0.078	0.0818	0.090	23
24	0.044	0.024	0.058	0.238	0.078	0.035	0.072	0.017	0.084	0.074	0.125	0.085	24
25	0.041	0.025	0.085	0.211	0.073	0.035	0.043	0.017	0.058	0.172	0.100	0.083	25
26	0.039	0.025	0.130	0.180	0.067	0.040	0.039	0.017	0.048	0.188	0.083	0.080	26
27	0.038	0.025	0.2708	0.175	0.062	0.037	0.053	0.018	0.040	0.107	0.0818	0.078	27
28	0.038	0.024	0.237	0.169	0.059	0.377	0.033	0.017	0.037	0.124	0.0898	0.071	28
29	0.035		0.207	0.158	0.059	0.109	0.027	0.018	0.035	0.287	0.0878	0.086	29
30	0.036		0.281	0.180	0.060	0.070	0.026	0.020	0.120	0.153	0.2138	0.083	30
31	0.036		0.444		0.133		0.030	0.018		0.121		0.081	31
TOTAL	1.523	0.808	1.398	14.730	3.500	2.256	1.248	0.700	1.946	3.584	3.408	8.251	TOTAL
MEAN	0.049	0.029	0.074	0.481	0.113	0.075	0.040	0.023	0.065	0.116	0.114	0.202	MEAN
MAX	0.065	0.037	0.444	0.863	0.237	0.377	0.072	0.043	0.286	0.287	0.213	1.71	MAX
MIN	0.035	0.024	0.020	0.158	0.059	0.035	0.026	0.017	0.015	0.070	0.087	0.081	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0.116
MAXIMUM DAILY, 1.71 ON DEC 1
MINIMUM DAILY, 0.015 ON SEP 7
MAXIMUM INSTANTANEOUS
3.28 AT 10 12 AST ON DEC 1

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 17 55 N
LONG 67 02 13 W
DRAINAGE AREA, 8.48 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	132	JUL	108
FEB	66.8	AUG	80.5
MAR	199	SEP	168
APR	1 270	OCT	310
MAY	302	NOV	294
JUN	195	DEC	540

TOTAL DISCHARGE, 3 650 dam³

JACQUET RIVER NEAR DURHAM CENTRE - STATION NO. 01BJ003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.808	1.17 B	0.8078	80.08	15.8	3.85	3.19	1.45 E	0.938E	1.84E	1.98	13.4	1
2	1.778	1.16 B	0.7828	89.2	14.5	3.50	2.89	1.55 E	0.924E	2.05E	1.86	33.3	2
3	1.738	1.14 B	0.7578	95.1	13.8	3.22	2.28	1.51 E	0.871E	2.39E	1.82	21.3	3
4	1.708	1.13 B	0.7328	81.0	13.7	3.05	2.22	1.80 E	0.865E	4.83E	1.86	14.8	4
5	1.688	1.11 B	0.7558	81.5	13.2	3.04	2.59	1.97 E	0.930E	2.39E	2.17	13.3	5
6	1.628	1.10 B	0.7778	84.8	11.7	3.08	2.85	1.87 E	0.879E	1.88A	2.80	12.5	6
7	1.588	1.08 B	0.8008	86.1	13.4	2.85	2.24	1.49 E	0.847E	1.75	2.54	10.9	7
8	1.568	1.07 B	0.7808	49.5	13.8	2.72	1.85	1.26 E	0.828E	1.73	2.26	9.73	8
9	1.545	1.05 B	0.7608	35.9	12.1	2.57	1.75	1.28 E	1.16 E	2.27	2.038	10.2	9
10	1.528	1.04 B	0.7708	38.3	10.8	2.59	1.84	1.94 E	2.56 E	2.19	1.838	8.12	10
11	1.508	1.02 B	0.7808	42.5	9.73	2.52	1.89	1.62 E	2.98 E	1.98	1.688	8.05	11
12	1.478	1.01 B	0.7508	46.2	9.54	2.38	1.57	1.27 E	2.15 E	1.80	1.79	7.41	12
13	1.458	1.00 B	0.7408	42.5	9.67	2.26	1.43	1.20 E	1.79 E	1.74	2.209	6.75	13
14	1.438	0.980B	0.7308	37.1	8.50	2.12	1.36	1.08 E	2.85 E	1.85	2.35	5.19	14
15	1.418	0.960B	0.7208	34.8	7.97	2.11	1.26	1.08 E	8.92 E	1.83	2.31	4.808	15
16	1.388	0.940B	0.7108	37.3	8.71	2.07	1.22	1.13 E	3.89 E	1.89	2.268	4.508	16
17	1.368	0.920B	0.7008	42.1	8.10	1.97	1.14	1.23 E	2.71 E	1.82	2.508	4.308	17
18	1.348	0.900B	0.6008	85.8	7.38	1.92	1.08	1.32 E	3.13 E	1.48	2.85	4.108	18
19	1.328	0.885B	1.20 B	104	7.05	1.81	1.04	1.28 E	1.87 E	1.50	2.44	3.978	19
20	1.308	0.870B	1.40 B	84.8	6.83	1.84	1.08	1.27 E	1.73 E	1.44	2.238	3.908	20
21	1.278	0.850B	1.68 B	72.1	6.09	1.77	0.989	1.22 E	1.65 E	1.45	2.158	3.828	21
22	1.258	0.830B	1.78 B	72.2	5.69	1.78	1.01	1.17 E	1.73 E	1.58	2.028	3.778	22
23	1.308	0.815B	1.84 B	67.7	5.89	1.70	1.03	1.43 E	1.91 E	1.53	1.948	3.708	23
24	1.288	0.800B	2.60 B	36.3	5.32	1.58	1.05	1.45 E	1.99 E	1.40	1.888	3.658	24
25	1.278	0.880B	3.40 B	31.8	4.89	1.62	1.04	1.28 E	1.78 E	1.50	1.838	3.808	25
26	1.288	0.868B	4.80 B	25.5	4.52	1.55	1.18	1.21 E	1.80 E	2.19	1.788	3.558	26
27	1.248	0.850B	5.80 B	21.2	4.35	1.59	1.82	1.18 E	1.49 E	2.40	1.708	3.508	27
28	1.228	0.838B	9.00 B	17.7	4.11	3.01	1.81	1.10 E	1.39 E	2.20	1.648	3.478	28
29	1.218		13.8 B	16.2	3.88	4.19	1.28	0.989E	1.34 E	2.07	1.608	3.438	29
30	1.208		20.0 B	15.6	3.79	3.44	1.14 A	0.965E	1.35 E	2.24	1.608	3.388	30
31	1.188		32.0 B		3.83		1.10 E	0.942E		2.11		3.358	31
TOTAL	44.11	27.280	113.240	1 448.9	266.14	73.68	49.189	41.076	55.038	60.24	62.10	238.75	TOTAL
MEAN	1.42	0.974	3.85	48.3	8.59	2.46	1.59	1.33	1.84	1.94	2.07	7.73	MEAN
MAX	1.80	1.17	32.0	104	15.8	4.19	3.19	1.97	5.92	4.83	2.85	33.3	MAX
MIN	1.18	0.800	0.700	15.6	3.79	1.55	0.989	0.942	0.825	1.40	1.80	3.35	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.80
MAXIMUM DAILY, 104 ON APR 19
MINIMUM DAILY, 0.7008 ON MAR 17
MAXIMUM INSTANTANEOUS,
104 AT 22:00 AST ON APR 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 53 52 N
LONG 65 01 47 W
DRAINAGE AREA, 510 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 810	JUL	4 250
FEB	2 380	AUG	3 550
MAR	9 780	SEP	4 760
APR	125 000	OCT	5 200
MAY	23 000	NOV	5 370
JUN	6 370	DEC	20 700

TOTAL DISCHARGE, 214 000 dam³

JEMSEG RIVER AT JEMSEG - STATION NO 01AD004

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.277	1.180E	1.037	3.438	2.308	1.170	1.238	0.975E	0.890	1.223	1.385E	1.416	1
2	1.314	1.168A	1.059	3.157	2.224	1.154	1.198	0.945E	0.888	1.263	1.370E	1.780	2
3	1.331	1.171	1.106	2.986	2.097	1.148	1.176	0.940E	0.871	1.258	1.385E	2.093	3
4	1.323	1.188	1.108	4.617	1.981	1.126	1.160	0.945E	0.873	1.267	1.385E	2.276	4
5	1.302	1.145	1.100	5.019	1.849	1.114	1.135	0.950E	0.868	1.316	1.425A	2.351	5
6	1.278	1.102	1.077	5.027	1.765	1.100	1.095	0.945E	0.879	1.359	1.489	2.335	6
7	1.247	1.044	1.036	5.025	1.708	1.080	1.116	0.955E	0.897	1.415	1.530	2.268	7
8	1.219	1.005	1.002	5.089	1.868	1.034	1.117	0.970E	0.915	1.474	1.541	2.194	8
9	1.178	0.983	0.976	5.011	1.801	1.080	1.135	0.960E	0.965	1.521	1.586A	2.093	9
10	1.141	1.010	0.982	4.895	1.886	1.143	1.184	0.990E	1.009	1.499	1.539E	2.014	10
11	1.120	1.042	0.941	4.732	1.829	1.220	1.205	1.010E	1.014	1.443	1.483A	1.985	11
12	1.108	1.008A	0.926	4.586	1.847	1.311	1.201	1.040E	1.010	1.384	1.405	1.881	12
13	1.084	0.981E	0.912	4.484	1.890	1.397	1.216	1.050E	0.990	1.332	1.283	1.781	13
14	1.078	0.981E	0.907	4.330	1.832	1.420	1.250	1.055E	0.951	1.274	1.241	1.705	14
15	1.084	0.984E	0.914	4.204	1.868	1.433	1.279	1.065E	0.976	1.211	1.200	1.824	15
16	1.088	0.984E	0.932	4.080	1.884	1.447	1.294	1.080E	0.952	1.140	1.124	1.896	15
17	1.087	0.947A	0.966	3.970	1.826	1.440	1.222	1.040A	0.929	1.072	1.095	1.812	17
18	1.036	1.006	0.985	3.851	1.887	1.422	1.188	0.990	0.918	1.048	1.118	1.887	18
19	1.048	1.018	1.005	3.711	1.889	1.415	1.147	0.952	0.915	1.030E	1.180	1.885	19
20	1.067	1.018	1.020	3.868	1.417	1.405	1.100	0.932	0.883	1.010E	1.213	1.881	20
21	1.080	1.018	1.033	3.477	1.351	1.333	1.077	0.915	0.907	1.030E	1.319	1.887	21
22	1.083	0.999	1.017	3.351	1.306	1.284	1.045A	0.897	0.930A	1.030E	1.411	1.870	22
23	1.093	0.987	1.008	3.224	1.278	1.240	1.030E	0.911	1.080A	1.030E	1.483	1.808	23
24	1.117	0.987	1.008	3.007	1.225	1.189	1.045E	0.878	1.218	1.030E	1.484	1.821	24
25	1.108	0.982	1.020	2.809	1.184	1.134	1.025E	0.912	1.262	1.070E	1.485	1.892	25
26	1.077E	0.986	1.052	2.880	1.171	1.078	1.010E	0.938	1.310	1.095E	1.440E	1.888	26
27	1.087E	0.999	1.171	2.888	1.178	1.035	1.010E	0.920	1.262	1.130E	1.404A	1.869	27
28	1.074E	1.018	1.345	2.885	1.187	1.047	1.010E	0.925	1.180	1.185E	1.343	1.830	28
29	1.088E		1.630	2.392	1.187	1.067	1.010E	0.930	1.185	1.265E	1.282	1.376	29
30	1.112E		1.727	2.348	1.191	1.158	1.005E	0.917	1.180	1.380E	1.288	1.382	30
31	1.126E		2.011		1.173		1.000E	0.899		1.390E		1.311	31
MEAN	1.139	1.030	1.093	3.804	1.528	1.220	1.135	0.983	1.004	1.230	1.350	1.715	MEAN
MAX	1.331	1.171	2.011	5.089	2.308	1.447	1.279	1.065	1.310	1.531	1.588	2.351	MAX
MIN	1.036	0.947	0.907	2.348	1.171	1.034	1.000	0.879	0.868	1.010	1.095	1.311	MIN

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN, 1.433
MAXIMUM DAILY, 5.089 ON APR 8
MINIMUM DAILY, 0.868 ON SEP 5
MAXIMUM INSTANTANEOUS,
5.078 AT 15:54 AST ON APR 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 49 48 N
LONG 65 05 58 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

KENNEBECASIS RIVER AT APOHAQUI - STATION NO. 01AP004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.90B	3.62B	3.21B	220 B	45.6	21.8	7.03	4.30E	1.76	5.37	12.1	74.7	1
2	8.50B	3.42B	3.21B	310	36.9	15.1	6.55	5.10E	1.76	44.2	10.3	67.1	2
3	7.60B	3.37B	3.20B	193	30.6	10.2	5.83	4.30E	1.76	25.7	9.36	57.3	3
4	7.20B	3.35B	3.23B	170	26.0	8.82	5.51	4.53E	1.85	20.4	9.48	42.2	4
5	6.96B	3.30B	3.20B	155	25.7	8.33	5.42	3.80E	1.61	21.4	12.4	34.9	5
6	6.65B	3.28B	3.30B	139	27.4	13.2	5.30	3.65E	1.61	15.5	13.1	31.1	6
7	7.10B	3.28B	3.40B	144	30.9	25.0	5.10	3.40E	1.64	12.0	10.7	27.8	7
8	8.20B	3.28B	3.52B	126	27.3	16.1	4.80	3.35E	1.57	11.9	8.40	20.5 B	8
9	7.90B	3.28B	3.62B	103	23.4	15.5	4.62	3.45E	2.57	18.2	9.44	22.6	9
10	7.10B	3.24B	3.68B	85.8	21.0	29.3	4.43	3.18E	9.05	14.1	13.3	21.5	10
11	6.60B	3.20B	3.68B	82.2	18.9	32.5	4.29	3.10E	5.17	11.1	10.4	20.8	11
12	6.30B	3.20B	3.65B	82.4	18.4	23.6	4.33	3.20E	3.51	9.66	9.69	18.3	12
13	5.95B	3.20B	3.62B	75.3	20.8	24.9	4.38	3.00E	2.67	8.78	10.0	16.0 B	13
14	5.60B	3.20B	3.60B	66.2	17.3	20.7	4.31	2.70E	5.63	8.07	10.0	14.8 B	14
15	5.40B	3.19B	3.60B	61.0	15.8	18.4	4.18	2.40E	11.8	7.66	13.0	13.3 B	15
16	5.15B	3.19B	3.59B	56.6	19.5	15.7	4.37	2.90E	5.45	7.02	11.3	12.8 B	16
17	4.85B	3.19B	3.55B	54.4	17.0	13.2	4.07	3.32E	4.53	6.82	9.25	12.0 B	17
18	4.65B	3.18B	3.54B	56.8	14.6	12.8	3.77	2.65E	4.27	6.17	14.8	11.3 B	18
19	4.45B	3.18B	3.70B	60.3	13.8	11.0	3.56	1.93A	3.18	5.41	20.0	11.0 B	19
20	4.25B	3.19B	4.50B	58.4	12.8	14.1	3.27	1.87	2.99	8.17	18.1	10.7 B	20
21	4.00B	3.19B	5.00B	56.1	11.8	11.5	3.11	1.82	8.28	5.78	51.7	10.3 B	21
22	3.90B	3.19B	6.80B	55.0	11.2	9.84	3.10	1.85	24.9	5.70	38.2	10.0 B	22
23	4.10B	3.20B	11.8 B	50.1	14.6	8.59	3.30	1.95	21.0	5.38	26.3	9.80B	23
24	4.30B	3.20B	10.6 B	44.6	13.9	8.20	3.81	1.87	13.4	5.02	22.6	9.40B	24
25	4.20B	3.19B	9.20B	41.0	11.9	8.76	3.65	1.76	8.28	5.07	22.3	9.10B	25
26	4.10B	3.20B	8.20B	36.0	10.6	7.67	3.39	1.73	5.88	8.87	20.1	8.80B	26
27	4.00B	3.20B	7.60B	31.1	9.46	7.13	4.30	1.73	4.83	7.36	18.0	8.50B	27
28	3.85B	3.20B	20.0 B	27.1	8.95	11.6	4.14A	1.71	4.15	6.21	15.8	8.30B	28
29	3.75B		40.0 B	41.2	9.17	12.1	3.80E	1.74	3.74	15.5	14.6	8.00B	29
30	3.68B		84.0 B	57.4	8.55	9.35	3.62E	1.83	3.40	19.2	15.4	7.80B	30
31	3.60B		100 B		11.8		3.64E	1.92		14.2		7.60B	31
TOTAL	171.69	EE 81	367.00	2 739.1	586.29	443.19	135.00	85.95	170.23	385.50	476.22	658.70	TOTAL
MEAN	5.54	3.24	11.5	81.3	18.9	14.8	4.35	2.77	5.67	11.8	15.9	21.2	MEAN
MAX	8.50	3.52	100	310	45.6	32.5	7.03	5.10	24.9	44.2	51.7	67.1	MAX
MIN	3.60	3.18	3.20	27.1	8.55	7.13	3.10	1.71	1.57	5.02	8.40	7.60	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 17.2
MAXIMUM DAILY, 310 ON APR 2
MINIMUM DAILY, 1.57 ON SEP 8
MAXIMUM INSTANTANEOUS,
349 AT 04 42 AST ON APR 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 42 07 N
LONG 65 36 05 W
DRAINAGE AREA, 1 100 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	14 800	JUL	11 700
FEB	7 650	AUG	7 430
MAR	20 800	SEP	14 700
APR	237 000	OCT	31 600
MAY	80 700	NOV	41 300
JUN	38 300	DEC	56 900

TOTAL DISCHARGE, 543 000 dam³

KINNEAR RIVER NEAR HAUTE-ABOUJAGANE - STATION NO. 01BT001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.133B	0.085B	0.064B	5.40 B	2.39	0.121	0.027	0.020	0.009	0.072	1.01	5.96	1
2	0.122B	0.083B	0.067B	11.5 B	1.38	0.115	0.025	0.035	0.012	0.853	0.778	5.43	2
3	0.115B	0.081B	0.072B	11.0 B	0.837	0.071	0.023	0.022	0.012	0.787	0.648	2.13	3
4	0.132B	0.079B	0.076B	9.10 B	0.624	0.036	0.022	0.023	0.008	1.82	0.695	0.900B	4
5	0.146B	0.078B	0.080B	7.50 B	0.483	0.028	0.020	0.022	0.009	1.71	1.34	0.580B	5
6	0.105B	0.076B	0.053B	6.60 B	0.804	0.280	0.018	0.020	0.013	0.958	1.12	0.460B	6
7	0.090B	0.076B	0.057B	7.80 B	0.635	1.51	0.014	0.013	0.014	0.545	0.720	0.410B	7
8	0.083B	0.075B	0.062B	8.00 B	0.585	0.985	0.012	0.011	0.012	0.367	0.489	0.360B	8
9	0.078B	0.075B	0.068B	4.80 B	0.471	2.25	0.012	0.016	0.148	0.449	0.433	0.345B	9
10	1.08 B	0.074B	0.061B	3.90 B	0.315	5.02	0.018	0.021	0.701	0.335	0.569	0.338	10
11	0.072B	0.072B	0.082B	4.20 B	0.232	3.14	0.018	0.023	0.349	0.247	0.439	0.317	11
12	0.070B	0.071B	0.049B	5.00 B	0.218	1.38	0.007	0.016	0.180	0.182	0.395B	0.364B	12
13	0.068B	0.070B	0.048B	4.30 B	0.269	1.37	0.006	0.017	0.081	0.130	0.350B	0.335B	13
14	0.068B	0.069B	0.047B	3.50 B	0.202	0.888	0.012	0.018	0.207	0.114	0.910B	0.320B	14
15	0.064B	0.068B	0.046B	3.20 B	0.184	0.875	0.010	0.019	0.569	0.099	1.63	0.308B	15
16	0.062B	0.067B	0.045B	3.10 B	0.339	0.550	0.011	0.018	0.331	0.077	1.01 B	0.292B	16
17	0.060B	0.065B	0.044B	3.61	0.311	0.316	0.009	0.014	0.227	0.081	0.860B	0.260B	17
18	0.058B	0.064B	0.044B	7.18	0.218	0.211	0.008	0.013	0.178	0.057	1.46	0.270B	18
19	0.057B	0.065B	0.043B	10.6	0.184	0.140	0.008	0.015	0.130	0.055	1.95	0.254B	19
20	0.059B	0.062B	0.042B	8.55	0.154	0.109	0.011	0.017	0.084	0.054	1.63	0.245B	20
21	0.064B	0.064B	0.056B	4.52	0.110	0.082	0.007	0.017	0.088	0.056	4.26	0.236B	21
22	0.053B	0.063B	0.074B	4.84	0.088	0.036	0.007	0.014	1.80	0.069	3.03	0.229B	22
23	0.105B	0.062B	0.105B	3.71	0.118	0.026	0.013	0.019	1.50	0.092	1.58	0.217B	23
24	0.103B	0.062B	0.162B	1.83	0.119	0.083	0.015	0.015	0.859	0.078	1.08	0.208B	24
25	0.100B	0.061B	0.150B	1.43	0.086	0.233	0.022	0.013	0.495	0.074	0.880B	0.200B	25
26	0.094B	0.060B	0.130B	1.06	0.061	0.136	0.020	0.012	0.270	0.189	0.720B	0.192B	26
27	0.095B	0.059B	0.118B	0.755	0.035	0.113	0.032	0.013	0.166	0.183	0.630B	0.185B	27
28	0.092B	0.058B	0.230B	0.555	0.027	0.082	0.034	0.009	0.120	0.137	0.550B	0.178B	28
29	0.090B		0.500B	2.26	0.087	0.047	0.021	0.010	0.082	1.55	0.490B	0.171B	29
30	0.086B		0.810B	3.87	0.045	0.034	0.017	0.008	0.051	1.85	0.468	0.164B	30
31	0.086B		2.70 B		0.045		0.011	0.010		1.13		0.162B	31
TOTAL	3.863	1.946	5.155	148.371	11.729	20.179	0.482	0.515	5.686	16.182	31.892	23.062	TOTAL
MEAN	0.119	0.070	0.199	4.95	0.378	0.673	0.016	0.017	0.289	0.457	1.06	0.711	MEAN
MAX	1.08	0.085	2.70	11.5	2.39	5.02	0.032	0.035	1.80	1.85	4.26	5.96	MAX
MIN	0.053	0.058	0.042	0.555	0.035	0.026	0.007	0.009	0.008	0.054	0.350	0.162	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.739
MAXIMUM DAILY, 11.5B ON APR 2
MINIMUM DAILY, 0.007 ON JUL 12
MAXIMUM INSTANTANEOUS
11.8 AT 02 15 AST ON MAY 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 09 10 N
LONG 64 23 06 W
DRAINAGE AREA 32.1 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	318	JUL	41.6
FEB	166	AUG	44.5
MAR	532	SEP	748
APR	12 800	OCT	1 320
MAY	1 010	NOV	2 760
JUN	1 740	DEC	1 910

TOTAL DISCHARGE, 23 300 dam³

KOUCHIBOUGUAC RIVER NEAR VAUTOUR - STATION NO. 01BR001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.11 B	0.6308	0.6358	6.808	10.5	1.74	1.56	0.550	0.305	0.897	2.16	13.3	1
2	1.08 B	0.6108	0.6308	16.3 B	8.44	1.61	1.15	0.567	0.282	3.51	1.66	16.7	2
3	1.08 B	0.6008	0.6308	19.7 B	7.16	1.42	0.974	0.576	0.285	2.82	1.67	8.68	3
4	1.20 B	0.7808	0.6208	24.9 B	6.09	1.29	0.861	0.563	0.287	2.98	1.71	4.308	4
5	1.18 B	0.7908	0.6208	25.5 B	5.22	1.31	0.916	0.613	0.250	3.38	2.40	3.808	5
6	1.15 B	0.7808	0.6158	24.0 B	5.09	1.48	0.912	0.595	0.223	2.51	2.33	3.208	6
7	1.12 B	0.7708	0.6108	20.6	5.78	2.08	0 751	0.516	0.263	2.05	1.91	2 958	7
8	1.11 B	0.7808	0.6008	25.3	5.12	1.76	0.698	0.462	0.260	1.92	1.528	2.758	8
9	1.08 B	0.7808	0.6008	19.7	4.47	1.77	0.636	0.411	0.551	1.89	1.428	2.588	9
10	1.08 B	0.7508	0.5958	18.1	4.03	2.18	0.646	0.433	1.78	1.70	1.86	2.458	10
11	1.03 B	0.7508	0.5828	21.7	3.67	2.36	0.653	0 410	1.31	1.49	1.608	2.348	11
12	1.02 B	0.7408	0.5808	23.2	3.47	2.00	0.691	0.406	1.14	1.28	1.488	2.228	12
13	0.9808	0.7308	0.5758	19.8	3.29	1.79	0 633	0.321	0.924	1.20	1.408	2 158	13
14	0.9708	0.7208	0.5658	17.0	2.94	1.61	0.584	0.356	1.28	1.10	1.348	2.058	14
15	0.9508	0.7108	0.5608	15.9	2.79	1.66	0.562	0.385	2.27	1.02	1.338	1.988	15
16	0.8408	0.7008	0.5588	16.2	3.41	1.64	0.555	0.366	1.62	0.975	1.488	1.908	16
17	0.9308	0.7008	0.5558	16.5	3.03	1.27	0.530	0.474	1.24	0.899	1.628	1.848	17
18	0.9108	0.6958	0.5508	19.8	2.77	1.11	0.446	0.469	1.02	0.937	2.26	1.808	18
19	0.8808	0.6808	0.5458	25.8	2.54	1.03	0.420	0.392	0.859	0.989	2.61	1.758	19
20	0.8708	0.6808	0.5408	22.6	2.34	0.940	0.372	0 385	0.738	0.927	2.32	1.708	20
21	0.8508	0.6808	0.5408	18.4	2.15	0.904	0.384	0.360	0 718	0.898	6.47	1.888	21
22	0.8408	0.6758	0.5408	16.3	2.11	0.811	0.413	0 338	3.18	0.892	4.73	1 828	22
23	0.8808	0.6708	0.7008	12.8	2.44	0.756	0 418	0.316	3 50	0.891	2.808	1 888	23
24	0.9308	0.6658	1.61 B	10.5	2.18	0.793	0.486	0 309	2 85	0.837	2.428	1.538	24
25	0.9108	0.6608	1.35 B	9.29	1 97	0.912	1 80	0.318	1 98	0.807	2.188	1 508	25
26	0.9008	0.6558	1.12 B	7.55	1.83	0.805	1 14	0 291	1 52	2.09	1.958	1 478	26
27	0.8608	0.6508	1.30 B	6.38	1 71	0.744	1 18	0.275	1 20	1 73	1.808	1.428	27
28	0.8708	0.6458	1.70 B	5.58	1.65	1.71	0 823	0.227	1 02	1 53	1.608	1 368	28
29	0.8608		2.60 B	6.78	1.52	1.77	0 747	0.265	0 878	3.35	1.428	1.348	29
30	0.8508		4.00 B	10.0	1.52	1.58	0 589	0.305	0 810	3.34	1.578	1.318	30
31	0.8408		5.60 B		1.67		0 541	0.314		2.57		1.288	31
TOTAL	30.270	20.255	32.825	514.79	113.12	42.765	23.013	12.502	34.313	53.609	63.28	96.56	TOTAL
MEAN	0.976	0.723	1.05	17.2	3.65	1.43	0 742	0 403	1 14	1.73	2.11	3.11	MEAN
MAX	1.20	0.830	5.60	25.8	10.5	2.36	1.80	0 613	3.50	3.51	6.47	16.7	MAX
MIN	0.840	0.645	0.540	5.58	1.52	0.744	0.372	0 227	0 223	0 837	1.33	1.28	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.84
MAXIMUM DAILY, 25.8 ON APR 7
MINIMUM DAILY, 0.223 ON SEP 8
MAXIMUM INSTANTANEOUS,
29.5 AT 15.00 AST ON APR 7

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 44 36 N
LONG 65 12 17 W
DRAINAGE AREA, 177 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 520	JUL	1 990
FEB	1 750	AUG	1 080
MAR	2 820	SEP	2 960
APR	44 500	OCT	4 630
MAY	9 770	NOV	5 470
JUN	3 690	DEC	8 340

TOTAL DISCHARGE 89 600 dam³

LAKE UTOPIA AT CANAL - STATION NO 01AO009

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	16 689	17 279	16 539	15 727	17 387	17 302	17 612	1
2	---	---	---	---	---	16 675	17 289	16 506	15 696	17 461	17 313	16 376	2
3	---	---	---	---	---	16 668	17 302	16 510	15 673	17 495	17 305	16 728	3
4	---	---	---	---	---	16 630	17 295	16 514	15 662	17 484	---	16 722	4
5	---	---	---	---	---	16 591	17 283	16 508	15 679	17 465	---	16 580	5
6	---	---	---	---	---	16 578	17 271	16 480	15 736	17 448	---	16 414	6
7	---	---	---	---	---	16 587	17 255	16 473	15 814	17 415	---	16 264	7
8	---	---	---	---	---	16 559	17 230	16 450	15 888	17 387	---	16 105	8
9	---	---	---	---	---	16 615	17 208	16 428	15 995	17 359	---	16 006	9
10	---	---	---	---	---	16 718	17 183	16 404	16 096	17 348	---	17 930	10
11	---	---	---	---	---	16 846	17 162	16 380	16 182	17 326	---	17 870	11
12	---	---	---	---	---	16 887	17 140	16 386	16 281	17 286	---	17 836	12
13	---	---	---	---	---	17 139	17 113	16 323	16 335	17 255	---	17 787	13
14	---	---	---	---	---	17 218	17 084	16 298	16 434	17 230	---	17 743	14
15	---	---	---	---	17 276	17 272	17 059	16 282	16 536	17 210	---	17 671	15
16	---	---	---	---	17 210	17 288	17 025	16 256	16 627	17 183	---	17 585	16
17	---	---	---	---	17 184	17 288	16 989	16 218	16 713	17 146	---	---	17
18	---	---	---	---	17 086	17 288	16 956	16 190	16 796	17 107	---	---	18
19	---	---	---	---	17 030	17 243	16 916	16 162	16 824	17 109	---	---	19
20	---	---	---	---	16 985	17 233	16 883	16 137	16 845	17 168	16 999	---	20
21	---	---	---	---	16 934	17 212	16 848	16 081	16 929	17 155	17 078	---	21
22	---	---	---	---	16 897	17 180	16 820	16 055	17 108	17 131	17 169	---	22
23	---	---	---	---	16 906	17 145	16 784	16 019	17 319	17 111	17 231	---	23
24	---	---	---	---	16 912	17 125	16 755	15 979	17 461	17 088	17 267	---	24
25	---	---	---	---	16 913	17 131	16 728	15 941	17 534	17 057	17 280	---	25
26	---	---	---	---	16 906	17 121	16 705	15 903	17 538	17 033	17 308	---	26
27	---	---	---	---	16 879	17 125	16 685	15 873	17 468	17 017	17 303	---	27
28	---	---	---	---	16 841	17 164	16 662	15 841	17 439	17 012	17 272	---	28
29	---	---	---	---	16 793	17 218	16 639	15 810	17 405	17 057	17 234	---	29
30	---	---	---	---	16 742	17 259	16 614	15 789	17 378	17 103	17 236	---	30
31	---	---	---	---	16 697		16 581	15 780		17 267		---	31
MEAN	---	---	---	---	---	16 981	16 892	16 209	16 571	17 236	---	---	MEAN
MAX	---	---	---	---	---	17 289	17 302	16 539	17 538	17 495	---	---	MAX
MIN	---	---	---	---	---	16 559	16 581	15 780	15 662	17 012	---	---	MIN

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 09 37 N
LONG 66 49 40 W

MINIMUM DAILY, 15.662 ON SEP 4

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

LEPREAU RIVER AT LEPREAU - STATION NO. 01AG001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.308	1.888	1.108	23.0 B	7.88	2.75	2.22	0.806	0.238	9.73	9.00	83.5	1
2	3.108	1.788	1.078	44.2 B	8.40	2.80	1.85	0.522	0.248	9.87	7.25	52.0	2
3	3.608	1.758	1.058	43.2 B	5.68	2.28	1.70	0.774	0.302	7.22	6.10	31.5	3
4	3.408	1.728	1.088	37.0 B	5.04	2.05	1.81	1.86	0.358	5.77	5.48	22.5	4
5	3.208	1.698	1.128	40.0 B	4.88	2.02	1.48	1.59	0.353	5.14	5.01	17.4	5
6	3.008	1.868	1.178	45.6	5.31	2.38	1.38	1.18	0.343	5.72	4.67	14.2	6
7	3.108	1.828	1.148	48.2	8.88	3.42	1.23	0.817	0.351	4.70	4.26	11.5 B	7
8	2.928	1.898	1.188	41.1	8.88	3.05	1.10	0.812	0.420	5.18	3.81	10.0 B	8
9	2.788	1.888	1.248	32.9	6.86	3.94	1.05	0.742	1.14	6.41	3.55	8.208	9
10	2.708	1.528	1.288	26.7	5.87	5.30	1.06	0.728	1.88	5.51	3.49	7.74	10
11	2.558	1.508	1.248	23.5	5.20	5.07	1.02	0.732	2.10	4.56	3.44	7.71	11
12	3.488	1.458	1.208	23.2	4.55	4.95	0.973	0.695	1.78	3.85	3.09	7.108	12
13	2.368	1.448	1.158	23.0	4.21	5.05	1.01	0.642	1.51	3.41	3.108	6.208	13
14	2.328	1.428	1.128	20.8	3.88	4.48	0.978	0.584	3.57	3.03	3.138	5.508	14
15	2.208	1.408	1.118	18.4	3.34	3.88	0.947	0.556	5.88	2.82	3.18	4.908	15
16	2.158	1.388	1.088	16.9	3.93	3.39	0.954	0.529	3.56	2.65	3.408	4.57	16
17	2.048	1.348	1.098	16.2	3.55	2.90	0.887	0.504	2.95	2.52	3.108	4.408	17
18	2.008	1.328	1.108	15.0	2.89	2.41	0.820	0.457	2.72	2.30	3.60	4.208	18
19	1.928	1.308	1.128	15.8	2.55	2.15	0.788	0.384	2.20	2.28	7.28	4.008	19
20	1.898	1.288	1.198	15.7	2.28	2.09	0.707	0.341	1.85	2.23	6.81	3.908	20
21	1.828	1.258	1.308	15.7	2.12	1.82	0.713	0.348	7.38	2.12	12.4	3.808	21
22	1.798	1.228	1.608	14.5	1.86	1.76	0.667	0.342	13.3	2.23	9.66	3.708	22
23	1.908	1.218	2.108	12.7	2.79	1.65	0.669	0.390	6.33	2.28	7.31	3.658	23
24	2.068	1.188	2.808	11.1	3.59	1.55	0.638	0.330	5.12	2.19	6.26	3.508	24
25	2.208	1.168	3.508	9.90	2.89	1.47	0.673	0.271	4.58	2.11	5.53	3.408	25
26	2.188	1.208	5.008	8.62	2.57	1.41	0.685	0.274	3.73	2.26	4.908	3.308	26
27	2.128	1.228	7.808	7.29	2.38	1.36	0.768	0.278	3.18	2.28	4.658	3.208	27
28	2.078	1.188	10.5 B	6.36	2.25	2.34	0.785	0.260	2.79	2.21	4.258	3.138	28
29	2.008		9.408	5.88	2.21	3.72	0.782	0.245	2.55	20.1	4.108	3.068	29
30	1.958		8.408	5.59	2.23	2.85	0.879	0.264	2.62	16.0	5.008	3.008	30
31	1.928		10.5 B		2.50		0.681	0.261		11.8		2.928	31
TOTAL	75.08	40.32	85.53	575.34	129.75	86.19	31.352	18.215	88.385	183.48	157.24	327.80	TOTAL
MEAN	2.42	1.44	2.76	22.5	4.18	2.87	1.01	0.588	2.95	5.27	5.24	10.6	MEAN
MAX	3.60	1.88	10.5	48.2	8.88	5.30	2.22	1.86	13.3	20.1	12.4	83.5	MAX
MIN	1.78	1.16	1.05	8.36	1.98	1.35	0.638	0.245	0.238	2.11	3.09	2.92	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.15
MAXIMUM DAILY, 83.5 ON DEC 1
MINIMUM DAILY, 0.238 ON SEP 1
MAXIMUM INSTANTANEOUS,
83.2 AT 15:30 AST ON DEC 1

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 10 12 N
LONG 66 26 00 W
DRAINAGE AREA, 239 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	6 480	JUL	2 710
FEB	3 480	AUG	1 570
MAR	7 380	SEP	7 630
APR	54 300	OCT	14 100
MAY	11 200	NOV	13 600
JUN	7 450	DEC	28 300

TOTAL DISCHARGE, 162 000 dam³

LIMESTONE STREAM AT FOUR FALLS - STATION NO 01AG002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.27 B	0.630B	0.388B	38.0	2.97	1.30	1.53	1.13	0.622	1.08	2.08	18.0	1
2	1.21 B	0.610B	0.368B	34.6	2.74	1.01	1.21	1.10	0.715	1.12	1.84	15.8	2
3	1.13 B	0.600B	0.367B	23.4	3.41	0.937	1.16	1.22	0.512	1.32	1.73	11.5	3
4	1.07 B	0.590B	0.368B	19.0	2.11	0.844	1.24	1.60	0.450	1.86	1.78	8.21	4
5	1.02 B	0.570B	0.385B	16.3	2.08	0.975	1.47	1.67	0.527	2.28	2.40	6.85	5
6	0.980B	0.560B	0.391B	14.6	1.91	1.14	1.38	1.85	0.408	1.86	2.81	5.60	6
7	0.960B	0.550B	0.395B	14.3	2.24	1.15	1.32	1.43	0.370	1.78	2.43	4.83	7
8	0.930B	0.540B	0.393B	12.8	2.26	1.07	1.27	1.32	0.311	2.18	2.198	4.358	8
9	0.900B	0.530B	0.392B	10.9	2.16	1.08	1.16	1.26	0.617	2.21	2.08	3.84	9
10	0.870B	0.520B	0.390B	8.98	2.01	1.24	1.02	1.13	0.836	2.02	1.93	3.87	10
11	0.850B	0.510B	0.388B	7.98	1.84	1.38	1.01	1.01	0.788	1.84	1.848	3.85	11
12	0.830B	0.495B	0.386B	7.11	1.80	1.34	0.928	0.930	0.783	1.78	1.818	3.13	12
13	0.800B	0.480B	0.367B	6.32	1.78	1.27	0.744	0.860	0.720	2.08	1.788	2.88	13
14	0.785B	0.470B	0.368B	5.70	1.83	1.13	0.668	0.850	0.880	1.82	1.84	2.708	14
15	0.768B	0.480B	0.365B	5.19	1.88	1.27	0.874	0.828	1.30	1.83	1.59	2.588	15
16	0.750B	0.450B	0.390B	4.69	1.93	1.08	0.774	0.818	1.14	1.86	1.808	2.458	16
17	0.740B	0.440B	0.388B	4.02	1.71	1.07	0.726	0.875	1.13	1.60	1.628	2.328	17
18	0.730B	0.430B	0.48B	3.68	1.86	0.984	0.611	0.785	1.07	1.31	1.72	2.218	18
19	0.720B	0.420B	0.434B	3.30	1.93	0.936	0.638	0.746	0.967	1.48	1.82	2.108	19
20	0.710B	0.410B	0.458B	3.19	1.48	0.864	0.693	0.802	0.830	1.44	1.83	2.038	20
21	0.700B	0.408B	0.480B	3.17	1.38	0.781	0.686	0.818	1.11	1.83	1.81	1.848	21
22	0.690B	0.400B	0.530B	3.01	1.37	0.713	0.688	0.868	1.07	1.48	1.818	1.878	22
23	0.685B	0.395B	0.580B	3.05	1.42	0.734	0.889	0.708	1.02	1.45	1.738	1.808	23
24	0.680B	0.392B	0.670B	3.05	1.37	0.738	1.01	0.818	1.78	1.40	1.848	1.788	24
25	0.675B	0.388B	0.600B	3.78	1.28	0.886	1.02	0.693	1.80	1.80	1.88	1.718	25
26	0.670B	0.380B	1.80 B	3.82	1.30	0.888	1.80	0.868	1.38	3.38	1.82	1.628	26
27	0.685B	0.381B	2.85 B	3.41	1.84	0.818	1.81	0.828	1.41	3.05	1.858	1.588	27
28	0.680B	0.390B	3.00 B	3.30	0.900	1.86	1.41	0.884	1.18	1.85	1.808	1.508	28
29	0.668		10.5	3.26	0.925	1.71	1.32	0.865	1.12	2.18	2.208	1.458	29
30	0.658		18.0	3.58	0.845	1.82	1.20	0.810	0.993	2.31	2.88	1.388	30
31	0.640B		27.4		1.01		1.21	0.418		2.13		1.388	31
TOTAL	25.402	13.417	80.046	270.78	52.310	32.259	33.277	28.867	28.112	54.63	56.89	124.85	TOTAL
MEAN	0.819	0.478	2.58	9.03	1.69	1.08	1.07	0.931	0.970	1.77	1.90	4.02	MEAN
MAX	1.27	0.630	27.4	38.0	2.97	1.86	1.53	1.67	1.87	2.38	2.81	18.0	MAX
MIN	0.640	0.388	0.385	2.26	0.845	0.818	0.493	0.418	0.311	1.08	1.82	1.38	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.20
MAXIMUM DAILY, 38.0 ON APR 1
MINIMUM DAILY, 0.311 ON SEP 8
MAXIMUM INSTANTANEOUS,
40.8 AT 05:53 AST ON APR 2

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 49 42 N
LONG 67 44 35 W
DRAINAGE AREA, 199 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 190	JUL	2 660
FEB	1 160	AUG	2 480
MAR	8 820	SEP	2 520
APR	23 400	OCT	4 740
MAY	4 520	NOV	4 820
JUN	3 780	DEC	10 600

TOTAL DISCHARGE, 69 300 dam³

LITTLE SOUTH BRANCH TOMOGONOPS RIVER BELOW B PIT - STATION NO. 01B0003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.084	0.085	0.033	0.7708	0.857	---	---	---	---	---	---	---	1
2	0.080	0.085	0.032	1.27 B	0.810	---	---	---	---	---	---	---	2
3	0.101	0.078	0.024	1.95 B	0.676	---	---	---	---	---	---	---	3
4	0.088	0.078	0.024	2.58 B	0.848	---	---	---	---	---	---	---	4
5	0.088	0.088	0.022	3.00 B	0.524	---	---	---	---	---	---	---	5
6	0.085	0.070	0.021	2.73 B	0.537	---	---	---	---	---	---	---	6
7	0.088	0.069	0.020	2.83	---	---	---	---	---	---	---	---	7
8	0.086	0.085	0.020	2.42	---	---	---	---	---	---	---	---	8
9	0.084	0.082	0.022	2.02	---	---	---	---	---	---	---	---	9
10	0.079	0.085	0.021	1.82	---	---	---	---	---	---	---	---	10
11	0.078	0.083	0.020	1.87	---	---	---	---	---	---	---	---	11
12	0.101	0.036	0.018	2.02	---	---	---	---	---	---	---	---	12
13	0.118	0.029	0.018	1.90	---	---	---	---	---	---	---	---	13
14	0.108	0.028	0.019	1.73	---	---	---	---	---	---	---	---	14
15	0.090	0.028	0.018	1.84	---	---	---	---	---	---	---	---	15
16	0.087	0.028	0.020	1.87	---	---	---	---	---	---	---	---	16
17	0.083	0.026	0.021	1.75	---	---	---	---	---	---	---	---	17
18	0.084	0.027	0.025	2.38	---	---	---	---	---	---	---	---	18
19	0.085	0.027	0.027	2.83	---	---	---	---	---	---	---	---	19
20	0.086	0.025	0.0308	2.48	---	---	---	---	---	---	---	---	20
21	0.085	0.024	0.0338	2.31	---	---	---	---	---	---	---	---	21
22	0.075	0.033	0.0398	1.85	---	---	---	---	---	---	---	---	22
23	0.068	0.023	0.0478	1.46	---	---	---	---	---	---	---	---	23
24	0.123	0.023	0.0728	1.16	---	---	---	---	---	---	---	---	24
25	0.108	0.023	0.0858	1.02	---	---	---	---	---	---	---	---	25
26	0.084	0.022	0.1438	0.903	---	---	---	---	---	---	---	---	26
27	0.088	0.023	0.1878	0.783	---	---	---	---	---	---	---	---	27
28	0.087	0.023	0.2408	0.701	---	---	---	---	---	---	---	---	28
29	0.085		0.3608	0.695	---	---	---	---	---	---	---	---	29
30	0.081		0.4208	0.698	---	---	---	---	---	---	---	---	30
31	0.080		0.5508	---	---		---	---		---		---	31
TOTAL	2.783	1.214	2.821	63.330	---	---	---	---	---	---	---	---	TOTAL
MEAN	0.090	0.043	0.085	1.78	---	---	---	---	---	---	---	---	MEAN
MAX	0.123	0.085	0.550	3.00	---	---	---	---	---	---	---	---	MAX
MIN	0.075	0.022	0.018	0.695	---	---	---	---	---	---	---	---	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MAXIMUM DAILY, 3.008 ON APR 5

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 17 26 N
LONG 66 02 34 W

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	261	JUL	---
FEB	108	AUG	---
MAR	226	SEP	---
APR	6 810	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

LITTLE SOUTHWEST MIRAMICHI RIVER AT LYTTLETON - STATION NO. 01BP001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	15.1 B	8.178	8.088	103 B	40.3	16.9	16.5	12.8	8.83	30.3	22.9	112	1
2	15.5 B	8.048	8.988	138 B	38.3	15.4	15.7	12.8	8.76	24.8	20.8	117	2
3	14.9 B	7.978	8.928	117 B	36.8	14.1	13.3	12.2	7.29	19.7	19.3	76.4	3
4	14.4 B	7.908	8.448	105 B	35.3	13.3	11.8	12.5	7.86	18.1	19.2	54.9	4
5	13.9 B	7.808	8.788	103 B	33.3	12.9	11.4	15.5	8.87	22.5	26.0	45.2	5
6	13.4 B	7.708	8.848	111 B	31.6	13.0	11.0	18.3	8.87	20.2	29.0	40.9	6
7	12.9 B	7.808	8.648	121 B	47.0	13.2	10.1	13.8	8.31	17.0	25.2	38.6	7
8	12.6 B	7.508	8.508	105	63.5	12.8	9.15	12.3	8.34	19.8	19.1 B	31.4	8
9	12.2 B	7.408	8.488	85.0	42.6	11.8	8.52	11.4	7.40	25.0	18.0 B	28.9	9
10	11.8 B	7.308	8.408	74.5	36.8	12.1	8.23	10.8	11.7	21.7	16.0 B	30.4	10
11	11.5 B	7.208	8.358	77.2	33.1	12.4	10.1	10.3	11.7	18.0	14.5 B	27.8	11
12	11.1 B	7.108	8.328	81.7	30.3	13.2	9.28	10.3	8.87	16.3	13.4 B	28.1	12
13	10.8 B	7.008	8.258	78.3	30.0	12.1	8.47	10.2	8.80	15.3	12.2 B	28.3	13
14	10.6 B	6.908	8.208	68.7	37.6	11.7	7.88	9.61	12.6	14.7	11.4 B	24.08	14
15	10.3 B	6.808	8.188	64.6	25.7	11.8	7.71	9.32	18.8	14.3	10.7 B	23.08	15
16	10.0 B	8.708	8.508	63.6	31.2	14.3	7.48	9.09	15.8	13.3	11.0 B	22.08	16
17	9.808	8.608	8.008	68.2	30.4	12.9	7.09	11.2	13.0	12.7	13.6 B	21.08	17
18	9.608	8.508	8.408	74.2	26.6	11.0	8.41	13.0	11.5	12.3	12.5 B	20.08	18
19	9.408	8.408	7.008	68.3	25.5	10.1	9.83	11.1	8.85	12.6	11.4 B	19.48	19
20	9.208	8.308	7.808	91.7	33.6	9.77	9.85	10.3	8.99	12.6	16.0 B	18.88	20
21	9.008	8.208	8.008	84.4	31.0	9.75	9.48	9.73	8.23	12.5	14.5 B	18.38	21
22	8.808	8.108	10.1 B	81.1	19.6	9.38	9.40	9.20	16.9	12.3	13.6 B	17.88	22
23	9.408	8.008	12.0 B	70.3	30.0	8.58	9.60	8.22	26.5	12.1	13.0 B	17.58	23
24	9.208	9.508	14.0 B	62.7	19.9	8.41	7.72	10.3	23.5	11.9	12.2 B	17.18	24
25	9.008	8.008	16.0 B	55.5	18.3	8.38	36.4	9.84	18.3	12.3	11.5 B	16.88	25
26	8.848	8.178	23.0 B	48.9	17.0	8.00	26.8	8.85	15.3	21.3	11.0 B	16.38	26
27	8.858	8.238	30.0 B	42.9	16.4	7.60	25.5	8.33	13.5	23.1	10.5 B	15.78	27
28	8.708	8.238	39.0 B	36.5	15.3	18.8	22.5	8.07	12.4	18.8	10.0 B	15.28	28
29	8.558		38.0 B	37.6	14.8	26.8	16.9	7.82	11.9	30.8	9.808	14.78	29
30	8.408		37.0 B	38.7	14.5	19.5	13.8	7.81	11.8	35.6	14.7 B	14.28	30
31	8.258		84.0 B		18.7		13.3	7.48		27.5		13.88	31
TOTAL	337.08	193.70	410.32	3 370.2	871.8	376.87	372.18	331.87	354.07	588.1	483.80	978.1	TOTAL
MEAN	10.9	6.92	13.2	78.0	28.1	12.6	12.0	10.7	11.8	18.4	15.5	31.6	MEAN
MAX	15.1	8.17	84.0	138	63.5	26.8	36.4	18.3	26.5	35.6	29.0	117	MAX
MIN	8.26	6.80	6.15	37.6	14.5	7.60	6.40	7.48	6.31	11.9	9.80	13.6	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 20.9
MAXIMUM DAILY, 1268 ON APR 2
MINIMUM DAILY, 6.158 ON MAR 15
MAXIMUM INSTANTANEOUS,
138 AT 13:30 AST ON APR 7

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 55 09 N
LONG 65 54 26 W
DRAINAGE AREA, 1 340 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	28 100	JUL	32 200
FEB	16 700	AUG	28 700
MAR	35 400	SEP	30 600
APR	205 000	OCT	49 300
MAY	75 300	NOV	40 100
JUN	32 800	DEC	84 600

TOTAL DISCHARGE, 660 000 dam³

MAGAGUADAVIC LAKE NEAR UPPER MAGAGUADAVIC - STATION NO. 01A0007

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	116.110	115.856	115.567	116.827	116.422	116.612	116.706	116.567	116.303	115.934	115.786	115.850	1
2	116.098	115.847	115.565	115.995	116.444	116.614	116.713	116.561	116.281	115.919	115.788	115.982	2
3	116.104	115.842	115.567	116.176	116.456	116.620	116.710	116.551	116.266	115.917	115.793	116.088	3
4	116.095	115.832	115.563	116.328	116.465	116.606	116.702	116.546	116.273	115.921	115.788	116.187	4
5	116.080	115.817	115.559	116.427	116.477	116.604	116.689	116.546	116.231	115.920	115.784	116.247	5
6	116.074	115.802	115.554	116.492	116.488	116.612	116.693	116.546	116.191	115.921	115.802	116.290	6
7	116.056	115.788	115.546	116.570	116.524	116.617	116.685	116.536	116.164	115.906	115.796	116.318	7
8	116.043	115.776	115.536	116.639	116.547	116.613	116.681	116.525	116.131	115.907	115.783	116.336	8
9	116.030	115.762	115.529	116.646	116.580	116.616	116.676	116.515	116.114	115.910	115.777	116.366	9
10	116.015	115.757	115.524	116.638	116.582	116.640	116.680	116.507	116.104	115.901	115.772	116.381	10
11	116.022	115.748	115.521	116.641	116.585	116.665	116.670	116.503	116.077	115.903	115.788	116.401	11
12	116.037	115.731	115.521	116.656	116.586	116.679	116.629	116.502	116.050	115.906	115.781	116.424	12
13	116.026	115.721	115.508	116.640	116.592	116.697	116.639	116.490	116.023	115.892	115.783	116.442	13
14	116.013	---	115.506	116.618	116.572	116.698	116.638	116.464	116.004	115.882	115.788	116.450	14
15	115.988	---	115.507	116.597	116.590	116.713	116.640	116.463	115.990	115.880	115.755	116.454	15
16	115.986	---	115.504	116.583	116.606	116.706	116.689	116.483	115.969	115.854	115.752	116.481	16
17	115.976	---	115.506	116.573	116.616	116.701	116.693	116.456	115.962	115.826	115.738	116.503	17
18	115.967	---	115.515	116.558	116.616	116.689	116.637	116.458	115.951	115.819	115.710	116.501	18
19	115.970	---	115.512	116.554	116.615	116.651	116.646	116.442	115.929	115.809	115.716	116.502	19
20	115.984	---	115.516	116.554	116.613	116.676	116.633	116.427	115.910	115.784	115.725	116.507	20
21	115.943	---	115.518	116.522	116.594	116.639	116.607	116.428	115.932	115.778	115.732	116.516	21
22	115.933	---	115.518	116.511	116.601	116.630	116.602	116.387	115.963	115.766	115.733	116.531	22
23	115.932	---	115.518	116.484	116.613	116.640	116.594	116.391	115.973	115.777	115.733	116.541	23
24	115.922	---	115.520	116.453	116.611	116.633	116.578	116.378	115.990	115.756	115.735	116.549	24
25	115.916	115.598	115.525	116.440	116.609	116.628	116.591	116.367	115.992	115.738	115.735	116.554	25
26	115.911	115.598	115.537	116.415	116.612	116.614	116.591	116.362	115.988	115.783	115.738	116.554	26
27	115.903	115.587	115.564	116.383	116.604	116.622	116.595	116.352	115.976	115.780	115.736	116.561	27
28	115.891	115.572	115.562	116.366	116.606	116.652	116.599	116.338	115.951	115.746	115.740	116.565	28
29	115.881		115.604	116.401	116.612	116.659	116.590	116.330	115.936	115.767	115.741	116.568	29
30	115.868		115.646	116.411	116.598	116.694	116.580	116.327	115.912	115.778	115.749	116.571	30
31	115.862		115.713		116.602		116.573	116.307		115.788		116.570	31
MEAN	115.988	---	115.564	116.470	116.589	116.646	116.642	116.452	116.051	115.843	115.787	116.412	MEAN
MAX	116.110	---	115.713	116.656	116.616	116.713	116.713	116.567	116.303	115.934	115.802	116.571	MAX
MIN	115.862	---	115.504	115.827	116.422	116.604	116.573	116.307	115.910	115.738	115.710	115.850	MIN

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MAXIMUM DAILY, 116.713 ON JUN 15
MINIMUM DAILY, 115.504 ON MAR 16
MAXIMUM INSTANTANEOUS,
116.719 AT 07:35 AST ON JUN 15

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 43 44 N
LONG 67 11 09 W

REGULATED SINCE 1976

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

MAGAGUADAVIC RIVER AT ELMCROFT - STATION NO 01A0002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	18.18	11.0 B	7.628	110 B	30.9	15.3	14.8	5.05	3.22	30.6	35.4	118	1
2	17.08	10.9 B	7.558	300 B	28.3	15.0	13.2	4.79	3.14	38.5	22.6	177	2
3	15.88	10.7 B	7.508	270 B	24.1	12.5	11.2	5.26	3.14	34.0	20.1	130	3
4	14.98	10.6 B	7.408	236	21.2	9.88	9.89	6.64	2.97	29.0	18.7	83.1	4
5	14.28	10.4 B	7.288	218	19.0	9.52	8.93	8.40	4.74	31.4	17.9	59.3	5
6	13.58	10.2 B	7.188	202	30.0	10.4	7.92	5.75	13.1	30.4	17.1	44.7	6
7	12.98	10.1 B	7.048	204	34.3	12.6	7.58	5.34	13.3	26.5	16.2	36.58	7
8	14.08	10.0 B	7.008	202	38.3	12.3	6.98	5.05	13.0	25.8	16.0	29.08	8
9	13.78	9.908	6.908	173	31.3	15.5	6.52	5.08	13.3	30.6	14.6	27.08	9
10	13.38	9.758	6.808	145	26.0	26.7	6.23	5.09	14.0	31.0	14.8	28.5	10
11	12.88	9.608	6.708	134	20.9	34.2	6.36	4.84	13.0	27.1	14.9	27.6	11
12	12.78	9.508	6.628	132	18.3	38.0	6.14	4.78	12.8	24.2	14.4	26.3	12
13	12.48	9.408	6.598	127	18.0	34.7	5.87	4.88	12.0	21.7	14.1	23.58	13
14	12.28	9.308	6.508	117	18.6	29.6	5.83	4.85	12.6	20.0	15.2	31.28	14
15	12.08	9.208	6.428	104	18.0	28.0	5.74	4.83	14.3	19.0	14.3	30.08	15
16	11.68	9.208	6.408	88.5	17.3	23.0	5.46	4.32	13.6	17.8	13.8	19.08	16
17	11.68	9.108	6.388	78.8	17.2	19.5	5.11	4.24	13.6	16.7	13.5	16.28	17
18	11.48	9.008	6.308	76.4	16.8	18.8	4.84	4.18	14.5	16.2	15.2	17.78	18
19	11.28	8.808	6.308	75.8	12.8	16.8	4.63	3.98	13.9	15.8	15.5	18.88	19
20	11.08	8.708	6.328	74.5	11.8	13.5	4.16	3.78	13.0	15.4	21.1	18.28	20
21	10.98	8.588	6.608	80.1	11.1	12.8	4.07	3.59	22.1	14.9	28.6	15.88	21
22	10.88	8.508	7.508	84.8	13.8	11.3	4.22	3.46	55.2	14.9	32.5	15.08	22
23	11.38	8.408	8.808	83.5	15.7	10.3	4.36	3.50	58.7	14.5	26.1	14.78	23
24	13.08	8.228	14.0 B	86.0	15.9	9.43	4.46	3.50	60.1	13.3	21.48	14.28	24
25	12.88	8.108	26.0 B	83.9	15.8	9.02	4.74	3.19	38.0	13.1	20.08	13.88	25
26	12.48	8.008	23.2 B	39.9	14.3	8.88	4.91	3.14	30.8	14.8	19.18	13.78	26
27	13.28	7.908	21.8 B	36.3	12.7	7.99	5.57	3.23	25.0	15.8	17.38	13.28	27
28	11.88	7.808	20.0 B	34.2	11.5	10.1	5.11	3.19	23.3	15.8	16.28	12.88	28
29	11.78		35.0 B	32.2	10.5	15.8	5.93	3.04	20.8	27.0	14.58	12.48	29
30	11.48		42.0 B	28.4	9.83	17.1	5.49	3.20	19.5	34.8	17.08	12.48	30
31	11.28		88.0 B		9.45		5.40	3.24		29.8		13.28	31
TOTAL	394.8	280.85	410.48	3 493.9	578.78	502.93	202.44	134.34	583.41	709.3	552.8	1 088.1	TOTAL
MEAN	12.7	9.32	13.2	116	18.6	16.8	6.53	4.33	18.8	22.9	18.4	35.1	MEAN
MAX	18.1	11.0	88.0	300	38.3	38.0	14.8	8.84	88.7	38.5	32.8	177	MAX
MIN	10.8	7.80	6.30	22.2	9.45	7.88	4.07	3.08	2.97	12.1	13.8	12.2	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 24.4
MAXIMUM DAILY, 300B ON APR 2
MINIMUM DAILY, 2.97 ON SEP 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 16 24 N
LONG 66 46 24 W
DRAINAGE AREA 1 430 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	34 100	JUL	17 500
FEB	22 500	AUG	11 600
MAR	35 500	SEP	48 700
APR	302 000	OCT	61 300
MAY	49 800	NOV	47 700
JUN	43 500	DEC	94 000

TOTAL DISCHARGE, 788 000 dam³

MAMDZEKEL RIVER NEAR CAMPBELL RIVER - STATION NO. 01AH005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.40 B	0.5578	0.3558	14.5 B	3.68	2.09	2.03	1.30	1.11	2.15	2.62	11.8	1
2	1.33 B	0.5458	0.3508	26.0 B	3.55	2.08	1.44	1.55	1.48	2.39	2.72	24.0	2
3	1.28 B	0.5388	0.3468	23.6 E	3.47	1.74	1.15	1.50	1.62	2.15	2.64	14.0	3
4	1.23 B	0.5288	0.3428	21.0 E	3.36	1.58	1.05	3.10	1.24	2.02	2.72	8.27	4
5	1.18 B	0.5208	0.3408	18.0 E	3.14	1.82	1.17	5.67	1.04	2.36	4.22	9.08	5
6	1.13 B	0.5128	0.3368	17.2 E	3.00	1.85	1.13	3.81	0.911	2.47	4.91	8.72	6
7	1.08 B	0.5048	0.3388	17.8 E	4.00	1.78	0.932	2.88	0.829	2.15	4.30	8.98	7
8	1.02 B	0.4988	0.3348	18.4 E	4.87	1.57	0.809	2.08	0.789	2.78	3.79	8.81	8
9	0.9908	0.4928	0.3328	18.8 E	3.98	1.50	0.740	1.78	1.39	3.83	3.388	8.95	9
10	0.9608	0.4848	0.3318	18.6 E	3.85	1.51	0.723	1.55	3.15	3.00	3.108	8.81	10
11	0.9308	0.4768	0.3308	18.8 E	3.46	1.43	0.671	1.86	2.23	2.72	2.948	4.92	11
12	0.8008	0.4688	0.3288	13.2 E	3.81	1.28	0.841	2.51	1.70	2.54	2.828	4.47	12
13	0.8608	0.4588	0.3268	12.0 E	4.20	1.27	0.815	1.92	1.44	2.40	2.748	4.17	13
14	0.8578	0.4488	0.3278	8.82	3.58	1.17	0.585	1.67	1.90	2.27	2.688	3.81	14
15	0.8258	0.4368	0.3278	7.53	3.52	1.53	0.883	1.28	3.07	2.24	2.808	3.658	15
16	0.8008	0.4288	0.3268	5.48	4.43	1.81	0.819	1.32	2.40	2.19	2.51	3.358	16
17	0.7708	0.4188	0.3268	5.48	3.97	1.32	0.551	1.87	1.98	2.11	3.00	3.158	17
18	0.7608	0.4088	0.3288	5.44	3.55	1.14	0.493	1.58	1.77	2.00	2.98	2.958	18
19	0.7308	0.4008	0.3258	5.58	3.38	1.07	0.462	1.43	1.58	1.95	3.15	2.788	19
20	0.7108	0.3948	0.3258	5.53	3.18	1.03	0.428	1.20	1.46	1.91	2.57	2.828	20
21	0.6958	0.3888	0.3248	5.17	2.89	0.971	0.413	1.32	1.56	1.87	2.448	2.488	21
22	0.6768	0.3848	0.3308	5.13	2.88	0.829	0.398	1.21	3.50	2.05	2.308	2.348	22
23	0.6628	0.3828	0.3508	4.71	3.05	0.870	0.439	2.23	3.97	2.02	2.248	2.228	23
24	0.6508	0.3768	0.3908	4.67	2.75	0.857	0.589	2.28	3.31	1.82	2.208	2.128	24
25	0.6368	0.3748	0.4808	4.78	2.81	0.805	3.88	1.80	2.91	2.37	2.168	2.028	25
26	0.6228	0.3708	0.8408	4.29	2.44	0.781	1.98	1.50	2.84	4.51	2.11	1.968	26
27	0.6108	0.3658	1.40 B	4.16	2.27	0.786	1.88	1.40	2.51	3.59	2.14	1.688	27
28	0.6008	0.3608	2.30 B	3.84	2.15	1.64	1.68	1.20	2.36	3.16	2.268	1.788	28
29	0.5868		3.80 B	3.82	2.04	2.22	1.26	1.08	2.19	3.10	2.508	1.708	29
30	0.5758		5.00 B	3.63	1.90	1.76	1.04	1.01	2.04	3.21	3.05	1.628	30
31	0.5868		9.10 B		1.87		1.38	0.983		3.01		1.568	31
TOTAL	25.633	12.516	30.987	318.83	100.83	41.981	31.672	56.903	60.389	78.03	85.98	159.95	TOTAL
MEAN	0.858	0.447	1.00	10.6	3.25	1.40	1.02	1.84	2.01	2.52	2.87	5.16	MEAN
MAX	1.40	0.557	9.10	26.0	4.87	2.22	3.88	5.67	3.97	4.51	4.91	24.0	MAX
MIN	0.568	0.360	0.324	3.82	1.87	0.781	0.398	0.983	0.789	1.82	2.11	1.56	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.75
MAXIMUM DAILY, 26.08 ON APR 2
MINIMUM DAILY, 0.3248 ON MAR 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 15 03 N
LONG 67 06 32 W
DRAINAGE AREA, 230 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 300	JUL	2 740
FEB	1 080	AUG	4 920
MAR	2 680	SEP	5 220
APR	27 500	OCT	6 740
MAY	8 690	NOV	7 430
JUN	3 630	DEC	13 800

TOTAL DISCHARGE 86 700 dam³

MEDUXNEKEAG RIVER NEAR BELLEVILLE - STATION NO. 01AJ003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	15.0 B	4.508	2.988	245	28.7	11.2	13.5	3.31	0.867	5.11	15.3	81.8	1
2	15.0 B	4.408	2.978	321	30.1	9.31	9.77	2.81	0.883	5.63	12.8	172	2
3	14.0 B	4.308	2.968	245	27.6	7.68	7.00	2.39	0.882	5.23	11.5	109	3
4	13.0 B	4.248	2.958	184	24.5	6.53	5.55	2.29	0.870	7.59	11.3	86.9	4
5	12.1 B	4.158	2.948	148	21.4	5.78	5.11	2.44	0.810	16.9	13.0	53.0	5
6	11.3 B	4.088	2.938	135	18.7	7.53	4.87	2.06	0.992	18.3	13.2	42.1	6
7	10.7 B	4.008	2.928	163	32.2	7.04	3.98	1.66	0.967	14.0	11.5	35.3	7
8	10.0 B	3.938	2.918	185	41.4	5.07	3.45	1.74	0.866	16.8	10.1	29.7	8
9	9.508	3.858	2.908	138	31.8	5.31	3.02	1.67	0.956	22.6	10.0	27.0 B	9
10	9.008	3.788	2.898	104	25.3	11.5	3.53	1.56	4.09	18.8	10.1	25.1 B	10
11	8.608	3.708	2.888	85.5	21.0	14.2	4.55	1.54	4.59	14.7	9.61	23.0 B	11
12	8.208	3.658	2.878	84.7	18.3	12.7	4.33	1.56	3.17	11.8	8.83	21.2 B	12
13	7.908	3.608	2.888	86.9	16.7	13.3	3.67	1.42	2.80	10.0	8.78	19.6 B	13
14	7.608	3.558	2.858	73.5	15.0	12.3	3.08	1.21	3.03	8.88	8.73	18.2 B	14
15	7.288	3.478	2.848	61.8	15.1	10.6	2.86	1.24	8.40	7.89	8.01	16.8	15
16	7.108	3.408	2.838	54.5	22.0	9.70	2.69	1.27	6.53	7.55	8.06	16.4 B	16
17	6.908	3.358	2.828	50.4	19.7	7.56	2.64	1.32	6.23	6.85	7.54	15.9 B	17
18	6.708	3.308	2.818	46.2	16.6	6.92	2.43	1.31	7.93	6.57	8.40	14.9 B	18
19	6.508	3.258	2.808	44.6	13.9	6.01	1.89	1.13	6.77	6.03	11.8	14.0 B	19
20	6.308	3.208	2.858	42.5	11.9	4.31	1.68	1.02	6.22	5.83	13.0	13.4 B	20
21	6.108	3.168	3.008	38.6	10.8	3.78	1.78	0.892	11.0	5.84	11.6	12.6 B	21
22	5.908	3.128	3.708	32.3	9.83	3.62	1.86	0.791	37.6	5.81	10.3	11.6 B	22
23	5.708	3.088	6.008	27.3	10.1	3.28	2.06	0.765	31.6	6.36	10.0	11.0 B	23
24	5.508	3.048	7.008	25.2	10.7	3.10	2.22	0.695	23.2	6.15	8.908	10.3 B	24
25	5.308	3.028	11.6 B	24.6	10.7	3.10	2.46	0.838	18.2	7.70	8.208	9.808	25
26	5.208	3.018	17.0 B	21.6	9.90	2.92	2.40	0.858	11.7	18.4	8.008	9.308	26
27	5.108	3.008	26.0 B	18.7	8.77	2.84	3.33	0.806	9.10	18.3	8.908	8.908	27
28	5.008	2.998	36.0 B	18.7	7.88	31.0	3.36	0.863	7.20	15.1	9.408	8.558	28
29	4.808		57.7 B	18.8	7.44	31.0	2.85	0.835	6.10	21.6	10.0 B	8.208	29
30	4.808		88.0 B	19.4	7.13	20.8	2.23	0.891	6.07	23.0	11.0	7.908	30
31	4.708		140 B		8.56		2.91	0.821		18.8		7.558	31
TOTAL	251.68	100.08	484.68	2 730.0	565.71	370.21	116.93	42.326	223.428	383.62	306.46	931.20	TOTAL
MEAN	8.13	3.57	15.0	91.0	17.9	8.01	3.77	1.37	7.45	11.7	10.3	30.0	MEAN
MAX	15.0	4.50	140	321	41.4	31.0	13.5	3.31	37.6	23.0	15.3	172	MAX
MIN	4.70	2.99	2.40	18.7	7.13	2.84	1.68	0.863	0.488	5.11	8.86	7.85	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 17.4
MAXIMUM DAILY, 321 ON APR 2
MINIMUM DAILY, 0.488 ON SEP 6
MAXIMUM INSTANTANEOUS,
332 AT 06:38 AST ON APR 2

TYPE OF GAUGE RECORDING
LOCATION LAT 46 12 58 N
LONG 67 43 42 W
DRAINAGE AREA 1 210 km²

B ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	31 800	JUL	10 100
FEB	8 850	AUG	3 650
MAR	40 100	SEP	19 300
APR	236 000	OCT	31 400
MAY	48 000	NOV	28 700
JUN	23 300	DEC	80 500

TOTAL DISCHARGE 550 000 dam³

MIDDLE BRANCH NASHWAAKSIS STREAM AT SANDWITH'S FARM - STATION NO. 01AK005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.026	0.017	0.010	0.828	0.133	0.088	0.023	0.002	0.001	0.181	0.065	0.700	1
2	0.026	0.015	0.012	1.06	0.096	0.040	0.017	0.001	0.001	0.121	0.060	0.437	2
3	0.030	0.014	0.012	0.788	0.074	0.023	0.014	0.004	0.001	0.077	0.056	0.216	3
4	0.031	0.013	0.011	0.709	0.083	0.018	0.012	0.011	0.001	0.087	0.070	0.184	4
5	0.027	0.013	0.010	0.868	0.068	0.038	0.012	0.007	0	0.083	0.089	0.136	5
6	0.026	0.012	0.010	0.722	0.074	0.047	0.010	0.003	0	0.070	0.078	0.115	6
7	0.025	0.012	0.010	0.888	0.147	0.038	0.008	0.002	0	0.058	0.060	0.102	7
8	0.024	0.013	0.010	0.569	0.087	0.024	0.008	0.002	0	0.116	0.050	0.0918	8
9	0.023	0.013	0.010	0.380	0.068	0.050	0.007	0.002	0.023	0.108	0.080	0.085	9
10	0.022	0.014	0.011	0.337	0.059	0.180	0.006	0.001	0.047	0.078	0.061	0.085	10
11	0.024	0.015	0.010	0.382	0.052	0.087	0.006	0.003	0.018	0.062	0.049	0.076	11
12	0.033	0.012	0.010	0.423	0.061	0.076	0.006	0.003	0.013	0.056	0.045	0.080	12
13	0.025	0.012	0.010	0.368	0.057	0.100	0.007	0.002	0.009	0.050	0.047	0.069	13
14	0.022	0.011	0.009	0.283	0.043	0.068	0.007	0.001	0.054	0.045	0.044	0.058	14
15	0.021	0.011	0.010	0.281	0.050	0.070	0.016	0.001	0.044	0.042	0.043	0.0548	15
16	0.020	0.011	0.011	0.243	0.077	0.052	0.018	0.001	0.016	0.038	0.038	0.046	16
17	0.020	0.011	0.014	0.241	0.048	0.034	0.009	0.002	0.027	0.036	0.033	0.0448	17
18	0.019	0.011	0.014	0.231	0.038	0.024	0.005	0.002	0.020	0.038	0.051	0.0428	18
19	0.021	0.010	0.013	0.234	0.032	0.025	0.003	0.001	0.012	0.037	0.050	0.040	19
20	0.019	0.010	0.012	0.210	0.028	0.042	0.002	0.001	0.010	0.031	0.047	0.0388	20
21	0.017	0.010	0.014	0.179	0.026	0.035	0.002	0.001	0.148	0.030	0.100	0.0388	21
22	0.016	0.010	0.023	0.181	0.025	0.019	0.002	0	0.205	0.036	0.063	0.0348	22
23	0.020	0.010	0.030	0.122	0.048	0.017	0.004	0.001	0.125	0.028	0.044	0.033	23
24	0.020	0.010	0.036	0.116	0.036	0.014	0.012	0.001	0.084	0.027	0.041	0.031	24
25	0.018	0.010	0.043	0.105	0.028	0.014	0.011	0	0.082	0.042	0.047	0.030	25
26	0.015	0.010	0.063	0.086	0.023	0.013	0.020	0	0.069	0.057	0.048	0.031	26
27	0.015	0.010	0.072	0.080	0.021	0.013	0.022	0	0.069	0.042	0.040	0.027	27
28	0.014	0.010	0.1118	0.065	0.017	0.135	0.011	0	0.041	0.036	0.037	0.026	28
29	0.013		0.1808	0.075	0.018	0.063	0.007	0	0.038	0.188	0.038	0.022	29
30	0.013		0.2918	0.110	0.014	0.033	0.004	0.002	0.046	0.103	0.048	0.0218	30
31	0.013		0.4888		0.050		0.003	0.001		0.075		0.0198	31
TOTAL	0.658	0.331	1 550	11.016	1.881	1.487	0.283	0.058	1 145	2 041	1.806	2.584	TOTAL
MEAN	0.021	0.012	0.050	0.387	0.064	0.049	0.009	0.002	0.038	0.067	0.054	0.086	MEAN
MAX	0.033	0.017	0.489	1.06	0.147	0.180	0.023	0.011	0.205	0.181	0.100	0.700	MAX
MIN	0.013	0.010	0.009	0.065	0.014	0.013	0.002	0	0	0.027	0.033	0.019	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.064
MAXIMUM DAILY, 1.06 ON APR 2
MINIMUM DAILY, 0 ON AUG 22
MAXIMUM INSTANTANEOUS,
1.25 AT 16:06 AST ON DEC 1

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 04 58 N
LONG 66 44 04 W
DRAINAGE AREA, 5.70 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	56.9	JUL	25.3
FEB	28.6	AUG	5.01
MAR	135	SEP	98.9
APR	952	OCT	180
MAY	144	NOV	139
JUN	127	DEC	258

TOTAL DISCHARGE, 2 150 dam³

MIDDLE BRANCH NASHWAAKSIS STREAM NEAR ROYAL ROAD - STATION NO. 01AK005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.179	0.088	0.088	7.04	0.761	0.649	0.135	0.031	0.018	1.06	0.404	5.50	1
2	0.160	0.091	0.088	8.10	0.606	0.303	0.103	0.031	0.016	0.785	0.330	2.74	2
3	0.170	0.087	0.073	4.73	0.452	0.174	0.078	0.040	0.022	0.498	0.298	1.36	3
4	0.170	0.083	0.073	4.26	0.384	0.127	0.072	0.059	0.014	0.523	0.302	0.9458	4
5	0.151	0.082	0.071	4.13	0.311	0.180	0.088	0.042	0.012	0.515	0.887	0.777	5
6	0.140	0.080	0.069	4.62	0.381	0.275	0.069	0.030	0.010	0.367	0.488	0.686	6
7	0.138	0.079	0.069	6.48	0.818	0.255	0.051	0.023	0.008	0.288	0.382	0.5638	7
8	0.136	0.080	0.069	3.20	0.627	0.183	0.044	0.022	0.008	0.585	0.288	0.4768	8
9	0.131	0.082	0.072	1.98	0.430	0.305	0.041	0.023	0.136	0.565	0.324	0.4588	9
10	0.121	0.083	0.070	1.93	0.332	0.860	0.039	0.021	0.170	0.394	0.330	0.436	10
11	0.123	0.085	0.068	2.30	0.287	0.667	0.040	0.024	0.078	0.310	0.273	0.406	11
12	0.137	0.080	0.065	3.44	0.304	0.519	0.042	0.027	0.063	0.258	0.243	0.405	12
13	0.134	0.080	0.066	3.01	0.289	0.707	0.040	0.032	0.050	0.219	0.2378	0.372	13
14	0.124	0.078	0.066	1.89	0.215	0.439	0.040	0.018	0.226	0.197	0.231	0.3438	14
15	0.121	0.077	0.065	1.38	0.248	0.428	0.072	0.015	0.185	0.178	0.234	0.3278	15
16	0.118	0.072	0.066	1.31	0.382	0.287	0.078	0.016	0.107	0.183	0.2238	0.3098	16
17	0.111	0.069	0.070	1.29	0.245	0.195	0.068	0.021	0.144	0.150	0.2118	0.2898	17
18	0.108	0.069	0.072	1.27	0.196	0.148	0.058	0.018	0.102	0.148	0.281	0.2708	18
19	0.113	0.070	0.077	1.28	0.163	0.127	0.053	0.013	0.074	0.158	0.292	0.2608	19
20	0.110	0.071	0.082	1.10	0.148	0.173	0.038	0.014	0.064	0.144	0.302	0.2608	20
21	0.103	0.071	0.0868	0.838	0.134	0.118	0.030	0.013	0.832	0.140	0.753	0.2398	21
22	0.100	0.072	0.1208	0.788	0.124	0.084	0.031	0.010	1.11	0.159	0.814	0.2308	22
23	0.103	0.073	0.1808	0.615	0.223	0.080	0.034	0.012	0.756	0.138	0.3488	0.2208	23
24	0.108	0.088	0.2008	0.683	0.178	0.073	0.053	0.010	0.508	0.132	0.298	0.2128	24
25	0.101	0.087	0.2708	0.608	0.148	0.071	0.045	0.010	0.335	0.324	0.297	0.2088	25
26	0.097	0.088	0.2708	0.610	0.125	0.068	0.070	0.010	0.237	0.353	0.288	0.214	26
27	0.093	0.088	0.6408	0.353	0.103	0.062	0.088	0.009	0.188	0.267	0.2468	0.182	27
28	0.091	0.088	0.8208	0.282	0.092	0.890	0.061	0.009	0.160	0.213	0.2288	0.170	28
29	0.087		1.30 B	0.358	0.082	0.388	0.046	0.011	0.136	1.06	0.2118	0.149	29
30	0.083		1.80 B	0.598	0.088	0.188	0.037	0.021	0.216	0.772	0.278	0.136	30
31	0.085		2.27		0.341		0.033	0.018		0.637		0.128	31
TOTAL	3.746	2 137	10.447	67.831	9 179	6 919	1 686	0.643	5 881	11 470	9.607	19.265	TOTAL
MEAN	0.121	0.076	0.337	2.26	0.296	0.297	0.054	0.021	0.200	0.370	0.327	0.621	MEAN
MAX	0.179	0.091	3.27	8.10	0.818	0.860	0.135	0.059	1.11	1.06	0.753	5.50	MAX
MIN	0.083	0.069	0.068	0.065	0.082	0.062	0.028	0.009	0.008	0.133	0.211	0.128	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.414
MAXIMUM DAILY, 8.10 ON APR 2
MINIMUM DAILY, 0.008 ON SEP 7
MAXIMUM INSTANTANEOUS
10.3 AT 12:42 AST ON DEC 1

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 02 06 N
LONG 66 42 05 W
DRAINAGE AREA 26.9 km²

B ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	324	JUL	165
FEB	186	AUG	85.5
MAR	903	SEP	518
APR	5 660	OCT	951
MAY	793	NOV	647
JUN	771	DEC	1 660

TOTAL DISCHARGE, 13 100 dam³

MIDDLE RIVER NEAR BATHURST - STATION NO. 01BJ010

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.6388	0.5658	0.4608	29.5 B	9.86	1.50	1.38	0.383	0.183	0.434	1.18	9.78A	1
2	0.6328	0.5618	0.4748	33.5 B	9.22	1.22	0.956	0.402	0.181	0.893	0.933	27.6	2
3	0.6108	0.5578	0.4708	34.8	8.31	1.03	0.688	0.387	0.202	0.672	0.826	12.0	3
4	0.6008	0.5538	0.4628	34.8	7.15	0.943	0.526	0.488	0.200	0.777	0.882	7.30	4
5	0.7908	0.5498	0.4588	32.8	6.05	0.831	0.787	0.558	0.182	2.09	1.24	7.09	5
6	0.7808	0.5458	0.4588	28.1	5.40	1.05	0.827	0.445	0.178	1.70	1.48	5.99	6
7	0.7708	0.5408	0.4728	27.8	5.45	1.07	0.823	0.374	0.168	1.18	1.04	5.55	7
8	0.7608	0.5368	0.4688	22.8	6.59	0.946	0.480	0.285	0.182	1.24	1.00 B	5.808	8
9	0.7538	0.5308	0.4628	21.0	6.44	0.875	0.422	0.300	0.212	1.93	0.9508	5.308	9
10	0.7448	0.5288	0.4608	23.1	5.28	0.810	0.383	0.419	0.956	1.55	0.9308	4.808	10
11	0.7358	0.5238	0.4588	24.6	4.52	0.758	0.345	0.349	1.05	1.18	0.9108	4.308	11
12	0.7268	0.5188	0.4568	25.5	4.07	0.699	0.384	0.297	0.840	0.886	0.851	3.908	12
13	0.7178	0.5138	0.4548	23.8	3.98	0.525	0.343	0.274	0.488	0.748	0.712	3.558	13
14	0.7088	0.5088	0.4528	20.8	3.48	0.501	0.318	0.238	1.11	0.687	0.690	3.258	14
15	0.6978	0.5058	0.4508	18.2	3.18	0.535	0.301	0.225	2.58	0.631	0.6408	3.008	15
16	0.6888	0.5018	0.4488	21.0	4.65	0.649	0.285	0.248	1.81	0.590	0.6008	2.758	16
17	0.6818	0.4978	0.4468	23.3	3.84	0.557	0.280	0.282	0.900	0.557	0.588	2.558	17
18	0.6738	0.4938	0.4448	24.0	3.19	0.524	0.250	0.313	0.635	0.535	0.6408	2.358	18
19	0.6658	0.4898	0.4428	46.1	3.34	0.482	0.228	0.298	0.570	0.527	0.7408	2.208	19
20	0.6578	0.4858	0.4408	36.8	2.93	0.489	0.218	0.297	0.488	0.538	0.8808	2.028	20
21	0.6488	0.4858	0.5508	29.3	2.55	0.488	0.217	0.281	0.441	0.523	0.6008	1.908	21
22	0.6408	0.4958	0.6408	28.0	2.29	0.435	0.215	0.265	0.468	0.493	0.5708	1.808	22
23	0.6508	0.5008	0.6008	20.0	2.25	0.414	0.218	0.353	0.533	0.524	0.5308	1.688	23
24	0.6408	0.5008	1.00 B	16.0	2.15	0.423	0.261	0.350	0.558	0.520	0.4808	1.588	24
25	0.6308	0.4958	1.20 B	12.9	1.92	0.405	0.282	0.301	0.487	0.543	0.4508	1.488	25
26	0.6208	0.4858	1.50 B	10.3	1.59	0.411	0.382	0.276	0.416	1.11	0.4108	1.388	26
27	0.6108	0.4858	4.00 B	8.56	1.53	0.425	0.408	0.269	0.375	1.19	0.3858	1.308	27
28	0.6008	0.4808	11.0 B	7.44	1.49	2.20	0.571	0.240	0.337	0.940	0.3608	1.228	28
29	0.5908		17.0 B	6.57	1.40	3.24	0.427	0.207	0.322	1.08	0.3508	1.148	29
30	0.5808		22.0 B	7.56	1.33	1.78	0.354	0.201	0.327	1.74	0.4008	1.118	30
31	0.5708		26.0 B		1.46		0.334	0.184		1.41		1.088	31
TOTAL	21.801	14.419	94.852	706.83	131.85	28.815	14.258	9.796	16.794	28.964	22.207	136.78	TOTAL
MEAN	0.697	0.515	3.06	23.6	4.25	0.867	0.460	0.316	0.580	0.934	0.740	4.48	MEAN
MAX	0.838	0.585	26.0	46.1	9.86	3.24	1.38	0.558	2.58	2.09	1.48	27.6	MAX
MIN	0.570	0.480	0.440	8.87	1.33	0.405	0.218	0.184	0.182	0.434	0.350	1.08	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.37
MAXIMUM DAILY, 46.1 ON APR 19
MINIMUM DAILY, 0.182 ON SEP 6
MAXIMUM INSTANTANEOUS,
46.1 AT 03:33 AST ON APR 19

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 36 30 N
LONG 65 43 23 W
DRAINAGE AREA, 180 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 870	JUL	1 230
FEB	1 280	AUG	846
MAR	9 200	SEP	1 450
APR	61 200	OCT	2 500
MAY	11 400	NOV	1 920
JUN	2 300	DEC	12 000

TOTAL DISCHARGE 106 000 dam³

MACKAWIC STREAM NEAR TEMPERANCE VALE - STATION NO. 01AK007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.67 B	0.4308	0.2958	78.4	4.64	0.978	2.18	0.079	0.024	7.83	3.82	50.8	1
2	1.59 B	0.4228	0.2948	81.0	4.56	0.878	1.24	0.068	0.027	7.55	3.07	57.4	2
3	1.50 B	0.4188	0.2938	62.6	3.71	0.882	0.770	0.068	0.026	5.27	2.58	35.7	3
4	1.42 B	0.4068	0.2938	31.5	3.83	0.489	0.588	0.097	0.021	4.48	2.78	14.5	4
5	1.33 B	0.4028	0.2918	27.9	3.23	0.447	0.476	0.091	0.020	5.07	4.20	9.97	5
6	1.29 B	0.3978	0.2908	25.7	3.17	0.487	0.370	0.061	0.019	4.48	4.84	7.15	6
7	1.20 B	0.3928	0.2898	25.0	4.67	0.508	0.307	0.053	0.018	3.53	3.76	5.80	7
8	1.13 B	0.3878	0.2888	21.7	5.48	0.447	0.351	0.046	0.016	4.37	2.88	4.51	8
9	1.06 B	0.3808	0.2888	19.1	4.25	0.559	0.211	0.043	0.148	5.04	2.68	4.15	9
10	1.00 B	0.3718	0.2888	16.4	3.12	4.85	0.386	0.040	0.335	7.65	2.72	3.88	10
11	0.9408	0.3858	0.2878	14.2	2.29	5.77	0.383	0.038	0.233	5.37	2.38	3.00 B	11
12	0.8808	0.3808	0.2878	12.7	1.82	5.70	0.328	0.048	0.186	3.82	2.08	2.42 B	12
13	0.8408	0.3858	0.2888	10.8	1.77	5.24	0.283	0.048	0.131	3.08	1.76	2.10 B	13
14	0.8008	0.3808	0.2888	8.80	1.41	4.77	0.283	0.038	0.308	2.48	1.77	1.80 B	14
15	0.7808	0.3458	0.2888	6.98	1.58	3.58	0.505	0.038	0.424	2.05	1.82	1.62	15
16	0.7308	0.3408	0.2908	5.81	2.98	2.55	0.588	0.036	0.371	1.76	1.28	1.48 B	16
17	0.7008	0.3358	0.3138	5.30	2.81	1.57	0.457	0.041	0.849	1.62	1.36	1.37 B	17
18	0.6708	0.3308	0.3268	4.98	2.03	1.16	0.323	0.044	0.816	1.37	1.62	1.28 B	18
19	0.6408	0.3268	0.3548	4.79	1.50	1.01	0.343	0.036	0.583	1.35	1.92	1.24 B	19
20	0.6108	0.3228	0.3708	4.37	1.16	0.777	0.181	0.050	0.468	1.27	1.97	1.18 B	20
21	0.5808	0.3188	0.4008	3.78	1.03	0.588	0.187	0.035	4.97	1.20	2.17	1.18 B	21
22	0.5608	0.3188	0.4508	3.28	0.890	0.486	0.163	0.027	13.8	1.68	1.85	1.20 B	22
23	0.5408	0.3118	0.6008	2.71	1.04	0.404	0.148	0.022	12.1	1.88	1.85	1.13 B	23
24	0.5208	0.3068	1.00 B	2.78	1.10	0.338	0.187	0.022	8.28	1.83	1.83	1.07 B	24
25	0.5108	0.3048	1.70 B	3.18	0.849	0.317	0.180	0.020	5.30	2.30	2.31	1.01 B	25
26	0.4908	0.3008	3.00 B	2.78	0.788	0.283	0.152	0.020	3.42	4.28	2.188	0.9708	26
27	0.4758	0.2958	5.40 B	2.13	0.837	0.223	0.186	0.018	2.52	3.85	1.858	0.9308	27
28	0.4618	0.2958	13.0 B	1.74	0.647	4.12	0.137	0.018	1.88	3.37	1.808	0.9008	28
29	0.4558		21.5 B	1.88	0.680	5.78	0.104	0.019	1.42	4.55	1.778	0.8708	29
30	0.4488		28.8	2.63	0.438	3.76	0.093	0.022	1.70	4.77	2.868	0.8508	30
31	0.4388		38.3		0.570		0.087	0.024		5.11		0.8308	31
TOTAL	26.221	9.868	122.263	474.84	85.800	80.830	11.931	1.317	99.880	134.84	70.98	311.830	TOTAL
MEAN	0.846	0.353	3.94	15.8	2.12	2.03	0.385	0.042	1.89	4.03	2.38	8.84	MEAN
MAX	1.67	0.430	38.3	81.0	5.48	5.77	2.18	0.097	13.8	9.84	4.84	57.4	MAX
MIN	0.438	0.298	0.288	1.88	0.438	0.223	0.093	0.018	0.018	1.30	1.28	0.830	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.40
MAXIMUM DAILY, 81.0 ON APR 2
MINIMUM DAILY, 0.018 ON SEP 6
MAXIMUM INSTANTANEOUS,
96.6 AT 01:48 AST ON APR 2

TYPE OF GAUGE - RECORDING
LOCATION LAT 46 02 57 N
LONG 67 14 25 W
DRAINAGE AREA, 340 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 270	JUL	1 030
FEB	854	AUG	114
MAR	10 600	SEP	5 160
APR	41 000	OCT	10 800
MAY	5 670	NOV	5 110
JUN	5 280	DEC	18 300

TOTAL DISCHARGE 107 000 dam³

NARROWS MOUNTAIN BROOK NEAR NARROWS MOUNTAIN - STATION NO. 01AL004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.023	0.018	0.013	0.918	0.138	0.077	0.048	0.011	0.009	0.181	0.074	1.04	1
2	0.026	0.018	0.013	0.860	0.099	0.042	0.030	0.010	0.007	0.060	0.058	0.498	2
3	0.027	0.018	0.013	0.555	0.071	0.035	0.021	0.011	0.008	0.050	0.051	0.285	3
4	0.025	0.018	0.013	0.561	0.068	0.029	0.018	0.023	0.007	0.118	0.113	0.174	4
5	0.027	0.015	0.013	0.510	0.062	0.028	0.018	0.016	0.007	0.138	0.185	0.134	5
6	0.026	0.015	0.013	0.518	0.087	0.038	0.018	0.012	0.007	0.080	0.118	0.118	6
7	0.026	0.014	0.012	0.498	0.183	0.030	0.014	0.010	0.007	0.061	0.083	0.098	7
8	0.027	0.014	0.013	0.372	0.100	0.020	0.014	0.008	0.008	0.183	0.084	0.088	8
9	0.027	0.018	0.013	0.301	0.072	0.061	0.013	0.008	0.070	0.092	0.074	0.080	9
10	0.022	0.015	0.012	0.259	0.062	0.157	0.013	0.009	0.066	0.078	0.076	0.082	10
11	0.022	0.014	0.011	0.273	0.050	0.096	0.012	0.009	0.024	0.082	0.058	0.074	11
12	0.026	0.014	0.010	0.264	0.055	0.053	0.013	0.010	0.018	0.064	0.053	0.071	12
13	0.025	0.014	0.010	0.218	0.051	0.080	0.014	0.009	0.013	0.049	0.048	0.063	13
14	0.024	0.014	0.011	0.180	0.045	0.043	0.014	0.008	0.066	0.062	0.046	0.049	14
15	0.024	0.014	0.011	0.148	0.059	0.052	0.029	0.008	0.022	0.036	0.045	0.044	15
16	0.024	0.015	0.011	0.128	0.104	0.038	0.022	0.008	0.018	0.036	0.038	0.043	16
17	0.022	0.014	0.012	0.124	0.078	0.028	0.016	0.008	0.028	0.033	0.038	0.0418	17
18	0.020	0.013	0.011	0.124	0.063	0.022	0.013	0.008	0.022	0.033	0.088	0.039	18
19	0.021	0.014	0.011	0.120	0.059	0.021	0.014	0.008	0.016	0.035	0.075	0.038	19
20	0.019	0.013	0.012	0.081	0.053	0.020	0.018	0.007	0.013	0.033	0.080	0.033	20
21	0.018	0.014	0.017	0.083	0.044	0.018	0.010	0.008	0.180	0.032	0.046	0.0328	21
22	0.021	0.013	0.032	0.072	0.041	0.018	0.011	0.008	0.157	0.064	0.039	0.0308	22
23	0.021	0.013	0.054	0.068	0.072	0.016	0.012	0.007	0.101	0.039	0.034	0.0298	23
24	0.020	0.013	0.048	0.084	0.055	0.015	0.028	0.008	0.064	0.034	0.038	0.0288	24
25	0.019	0.013	0.073	0.082	0.045	0.018	0.018	0.008	0.033	0.102	0.055	0.0278	25
26	0.018	0.012	0.089	0.055	0.038	0.018	0.014	0.007	0.027	0.122	0.046	0.0268	26
27	0.017	0.013	0.152	0.043	0.032	0.018	0.018	0.008	0.023	0.085	0.037	0.0258	27
28	0.017	0.013	0.254	0.035	0.031	0.237	0.014	0.008	0.018	0.065	0.037	0.0238	28
29	0.015		0.270	0.043	0.030	0.078	0.012	0.008	0.018	0.201	0.041	0.0208	29
30	0.015		0.3908	0.099	0.034	0.038	0.010	0.008	0.047	0.112	0.081	0.0188	30
31	0.016		0.459		0.173		0.010	0.008		0.087		0.0188	31
TOTAL	0.679	0.395	2.086	7.735	2.094	1.436	0.526	0.275	1.111	3.356	1.683	3.383	TOTAL
MEAN	0.022	0.014	0.067	0.258	0.068	0.048	0.017	0.009	0.037	0.078	0.082	0.109	MEAN
MAX	0.027	0.018	0.459	0.860	0.173	0.237	0.048	0.023	0.180	0.201	0.185	1.04	MAX
MIN	0.015	0.012	0.010	0.038	0.030	0.015	0.010	0.008	0.008	0.032	0.034	0.018	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.088
MAXIMUM DAILY, 1.04 ON DEC 1
MINIMUM DAILY, 0.008 ON AUG 21
MAXIMUM INSTANTANEOUS,
1.65 AT 11.58 AST ON DEC 1

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 16 36 N
LONG 67 01 17 W
DRAINAGE AREA, 3.89 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	58.7	JUL	45.5
FEB	34.1	AUG	23.8
MAR	180	SEP	88.0
APR	668	OCT	290
MAY	181	NOV	181
JUN	124	DEC	290

TOTAL DISCHARGE, 2 070 dam³

NASHWAAK RIVER AT DURHAM BRIDGE - STATION NO 01AL002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.7 B	5.808	4.788	185 B	46.7	20.8	15.4	5.30	3.30	40.0	24.8	182	1
2	10.0 B	5.808	4.778	281	41.8	15.2	13.2	5.26	3.14	38.0	21.8	205	2
3	17.3 B	5.658	4.748	239	35.2	12.3	10.6	5.20	3.13	24.5	30.5	107	3
4	16.7 B	5.508	4.728	218	30.9	11.1	9.72	5.34	2.99	24.8	21.8	74.8	4
5	16.0 B	5.408	4.708	195	27.3	11.1	9.36	5.61	2.80	34.3	38.2	81.8	5
6	15.5 B	5.308	4.678	183	28.8	12.6	8.74	6.15	2.71	27.1	35.8	52.7	6
7	15.0 B	5.208	4.658	220	43.8	13.7	7.61	4.87	2.73	30.8	27.5	45.3	7
8	14.5 B	5.108	4.638	171	44.4	11.7	7.42	4.56	2.81	28.8	21.7	39.2	8
9	14.0 B	5.008	4.608	128	33.4	13.6	7.18	4.25	5.32	41.2	22.8	35.08	9
10	13.5 B	4.948	4.588	112	27.8	24.2	8.85	4.14	21.1	29.8	23.8	31.08	10
11	13.0 B	4.898	4.588	133	24.4	25.9	8.93	4.21	13.9	23.8	20.4	27.08	11
12	12.5 B	4.848	4.538	136	33.5	18.5	8.74	5.02	8.42	20.8	19.2	24.08	12
13	12.0 B	4.848	4.518	128	33.1	19.7	8.75	4.80	6.87	18.2	17.8	21.08	13
14	11.7 B	4.848	4.488	107	30.5	16.0	8.61	4.28	13.8	17.2	16.8	19.08	14
15	11.4 B	4.848	4.488	88.0	30.2	18.1	7.30	3.98	22.1	16.3	16.0	17.3	15
16	11.2 B	4.848	4.448	82.4	25.8	15.5	9.44	3.63	13.1	15.5	14.8	16.78	16
17	10.7 B	4.848	4.418	92.8	22.8	13.8	7.85	3.76	12.2	15.0	15.1	16.08	17
18	10.3 B	4.848	4.398	92.2	18.2	11.7	8.48	3.70	12.7	14.4	20.2	17.38	18
19	9.808	4.848	4.388	88.0	17.3	10.7	5.77	3.61	9.82	14.8	25.5	18.78	19
20	9.408	4.848	4.348	90.2	16.5	10.8	5.29	3.62	7.88	13.9	22.3	16.08	20
21	9.008	4.848	4.488	78.7	15.4	9.87	4.88	3.24	19.8	13.4	23.0	15.88	21
22	8.708	4.848	4.808	87.0	14.7	8.73	4.87	3.03	87.7	14.2	18.7	16.08	22
23	8.308	4.848	5.008	86.6	15.4	8.26	5.42	3.10	48.8	14.8	16.0	14.88	23
24	8.008	4.848	5.808	90.3	18.7	8.17	7.39	3.87	32.8	13.8	17.0	14.28	24
25	7.708	4.848	10.0 B	47.2	16.3	8.15	10.8	3.81	23.0	14.4	20.8	13.98	25
26	7.408	4.828	15.0 B	40.4	13.9	7.88	9.33	3.88	18.3	30.8	30.7	13.48	26
27	7.108	4.828	21.0 B	36.6	13.7	7.88	8.26	3.81	14.4	26.0	15.08	13.08	27
28	6.808	4.808	28.0 B	31.3	13.1	24.8	9.47	3.77	13.4	18.8	13.58	12.78	28
29	6.558		44.0 B	31.2	11.9	43.7	7.48	3.87	11.1	45.5	12.48	12.48	29
30	6.308		86.0 B	35.0	11.7	22.1	6.08	3.37	10.9	43.1	17.2	12.18	30
31	8.108		86.0 B		11.8		5.47	3.28		30.1		11.98	31
TOTAL	383.18	140.89	387.48	3 480.7	727.7	457.48	246.84	127.81	427.23	740.8	628.0	1 177.8	TOTAL
MEAN	11.4	5.03	12.5	116	23.5	15.2	7.96	4.10	14.2	23.9	20.8	38.0	MEAN
MAX	18.7	5.80	86.0	281	46.7	43.7	18.4	6.81	87.7	45.5	38.2	205	MAX
MIN	6.10	4.80	4.34	31.2	11.7	7.88	4.87	3.77	3.71	13.4	13.4	11.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 24.3
MAXIMUM DAILY, 281 ON APR 2
MINIMUM DAILY, 2.71 ON SEP 8
MAXIMUM INSTANTANEOUS
348 AT 18.21 AST ON DEC 1

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 07 33 N
LONG 66 36 44 W
DRAINAGE AREA, 1 450 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	30 500	JUL	21 300
FEB	12 200	AUG	11 000
MAR	34 300	SEP	36 900
APR	299 000	OCT	64 000
MAY	63 900	NOV	64 000
JUN	39 500	DEC	103 000

TOTAL DISCHARGE, 788 000 dam³

NASHWAAK RIVER AT STANLEY - STATION NO 01AL003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.808	3.108	2.558	93.0B	19.3	11.3	5.80	2.83	1.57	15.7	10.9	115	1
2	9.308	3.008	2.578	114 B	17.5	7.78	5.23	2.71	1.55	15.9	9.82	97.7	2
3	9.008	2.928	2.558	86.5	15.4	5.85	5.07	2.73	1.60	10.2	9.57	46.1	3
4	8.808	2.878	2.528	77.3	13.5	5.23	4.83	3.40	1.48	11.2	10.5	28.2	4
5	8.308	2.828	2.518	76.1	11.5	5.31	4.88	3.84	1.49	15.5	18.9	25.1	5
6	8.008	2.788	2.508	74.6	11.4	5.72	4.38	3.30	1.38	11.8	16.4	21.2	6
7	7.708	2.768	2.498	84.8	20.4	5.24	4.04	2.88	1.62	9.18	12.5	17.4	7
8	7.508	2.728	2.488	85.6	20.3	5.32	3.71	2.21	1.47	13.9	9.81	15.1	8
9	7.208	2.698	2.478	80.3	15.3	5.80	3.40	2.17	3.38	18.3	10.8	13.6 B	9
10	7.008	2.668	2.468	44.1	12.0	14.2	2.95	2.20	13.0	12.7	11.0	12.8 B	10
11	6.808	2.678	2.458	49.6	10.8	12.5	3.29	2.32	7.87	10.3	9.48	11.3 B	11
12	6.508	2.658	2.448	86.8	10.5	9.03	3.24	2.57	4.88	8.78	8.82	10.1 B	12
13	6.208	2.648	2.438	83.4	10.3	10.1	3.02	2.83	3.63	8.04	8.07	9.008	13
14	6.008	2.638	2.428	45.1	9.78	8.95	3.03	2.34	7.74	7.38	9.27	8.308	14
15	5.708	2.658	2.418	40.3	9.28	8.25	4.18	2.12	10 B	7.52	8.39	7.84	15
16	5.508	2.658	2.408	40.1	12.2	8.78	4.87	2.04	6.11	6.93	8.43	8.308	16
17	5.308	2.648	2.388	41.2	10.8	8.85	3.90	1.98	6.33	6.48	8.82	7.808	17
18	5.108	2.648	2.388	43.1	9.40	8.18	3.15	2.17	8.43	8.29	10.3	7.508	18
19	4.908	2.638	2.388	46.3	8.38	4.77	2.82	1.82	4.87	8.53	12.4	7.308	19
20	4.788	2.638	2.378	40.8	8.03	4.38	2.87	1.87	3.68	8.30	10.8	7.108	20
21	4.608	2.638	2.808	32.8	7.80	4.18	2.80	1.89	13.6	8.31	9.58	8.908	21
22	4.408	2.638	3.508	26.3	7.15	3.58	2.50	1.85	36.6	7.44	7.67	8.708	22
23	4.208	2.638	4.808	23.9	7.67	3.88	2.67	1.72	23.4	7.61	6.67	8.508	23
24	4.058	2.638	5.408	20.5	8.31	3.58	5.02	1.58	15.5	8.86	7.78	8.308	24
25	3.908	2.638	7.258	19.7	7.88	3.42	6.38	1.81	10.7	9.17	9.87	8.108	25
26	3.808	2.628	10.0 B	17.7	7.08	3.44	4.41	1.80	7.83	10.0	9.48	5.808	26
27	3.698	2.618	13.0 B	15.2	8.30	3.80	5.24	1.58	8.44	13.4	7.45	8.008	27
28	3.508	3.608	17.5 B	13.9	5.78	26.3	5.11	1.47	5.41	8.97	8.56	5.658	28
29	3.348		25.0 B	13.4	5.25	23.5	3.92	1.41	4.87	21.7	8.48	5.508	29
30	3.258		36.0 B	14.9	5.43	11.4	3.05	1.51	4.93	18.0	8.13	5.408	30
31	3.188		57.0 B		10.4		2.72	1.58		13.8		5.308	31
TOTAL	180.62	75.74	231.26	1 426.2	334.88	240.77	126.41	66.87	218.45	345.15	288.59	542.05	TOTAL
MEAN	5.83	2.71	7.46	47.5	10.8	8.03	4.08	2.16	7.32	11.1	9.62	17.5	MEAN
MAX	9.80	3.10	57.0	114	20.4	26.3	6.80	3.84	36.6	21.7	16.9	115	MAX
MIN	3.18	2.60	2.37	13.4	5.25	3.42	2.50	1.41	1.38	5.29	5.48	5.00	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.2
MAXIMUM DAILY, 115 ON DEC 1
MINIMUM DAILY, 1.38 ON SEP 8
MAXIMUM INSTANTANEOUS,
173 AT 14:26 AST ON DEC 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 19 59 N
LONG 66 44 15 W
DRAINAGE AREA, 841 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	15 600	JUL	10 900
FEB	6 540	AUG	5 780
MAR	20 000	SEP	19 000
APR	123 000	OCT	29 800
MAY	28 900	NOV	24 900
JUN	20 800	DEC	46 800

TOTAL DISCHARGE, 352 000 dam³

NEPISIGUIT RIVER AT NEPISIGUIT FALLS - STATION NO 01BK003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.8	7.08	7.08	88.5	73.8	23.5	17.3	10.8	7.08	10.2	14.7	59.0	1
2	10.2	7.35	7.08	113	70.7	22.7	14.4	10.3	6.85	11.5	15.3	85.8	2
3	9.81	7.50	6.80	115	66.5	21.2	13.6	10.3	6.95	10.6	15.0	58.6	3
4	10.5	8.50	6.51	143	54.5	19.8	13.7	11.3	7.08	11.3	13.8	39.1	4
5	10.1	7.93	6.80	141	52.2	19.7	13.9	13.5	6.80	13.6	15.3	39.1	5
6	10.1	7.93	6.80	137	50.8	20.1	12.8	12.7	7.08	12.7	13.0	38.1	6
7	10.5	7.93	7.08	139	62.3	19.5	13.9	9.06	6.80	11.2	14.4	33.1	7
8	10.4	7.93	6.51	133	62.7	18.1	10.2	9.06	5.38	12.8	11.3	32.0	8
9	10.1	8.21	6.80	114	63.4	16.7	10.8	8.50	7.65	14.7	14.3	33.7	9
10	9.77	7.93	6.80	98.3	47.0	17.3	10.6	7.93	11.0	12.7	12.0	33.1	10
11	9.20	7.65	6.80	97.0	48.8	17.0	11.2	8.50	10.8	11.3	9.49	33.1	11
12	9.08	7.65	6.80	102	52.0	18.4	9.34	8.07	9.34	10.8	9.91	30.9	12
13	9.08	7.65	6.80	110	48.1	18.1	9.08	8.82	8.78	10.8	11.6	28.9	13
14	9.08	7.65	6.51	102	45.3	18.1	8.50	8.21	12.3	10.2	13.5	22.2	14
15	9.20	7.65	6.37	102	41.9	18.1	8.21	7.65	17.1	9.91	11.9	17.0	15
16	9.91	7.38	6.37	97.7	48.1	18.8	8.78	7.83	14.7	10.3	10.8	19.0	16
17	9.67	7.38	6.37	96.5	39.6	18.8	7.93	8.50	10.8	11.9	10.8	21.5	17
18	9.20	7.65	6.66	100	38.8	18.8	7.65	8.35	8.78	13.7	21.7	30.4	18
19	9.20	7.38	6.66	107	36.7	18.8	7.38	7.83	8.78	10.2	17.8	38.1	19
20	9.20	7.08	6.23	183	33.8	18.8	7.08	8.01	7.79	9.77	9.91	15.9	20
21	9.20	7.08	6.23	188	30.3	13.8	8.80	7.79	8.50	10.2	13.0	18.8	21
22	8.20	7.08	6.80	181	28.3	13.3	7.38	7.83	8.50	10.9	11.0	19.8	22
23	8.78	8.80	7.22	135	27.8	13.8	7.80	8.78	14.0	10.5	8.21	20.4	23
24	8.35	7.14	8.07	116	25.8	11.0	8.07	10.8	11.2	10.3	11.0	19.1	24
25	8.35	7.38	10.5	103	25.5	10.8	13.0	8.21	9.83	11.3	13.2	18.1	25
26	8.50	7.65	11.0	102	28.1	11.0	14.4	8.21	9.34	19.3	12.1	18.7	26
27	8.35	7.08	13.5	82.4	25.2	11.0	17.0	7.79	8.78	15.9	7.22	15.5	27
28	8.50	7.08	16.4	80.9	24.4	23.8	14.2	7.36	9.20	15.9	8.85	17.0	28
29	8.78		23.2	78.5	24.4	23.5	11.9	8.80	7.83	16.4	8.07	14.7	29
30	8.50		37.8	72.9	24.1	18.1	9.08	8.80	9.91	18.7	10.2	12.7	30
31	8.50		41.8		24.4		9.34	8.51		15.3		13.7	31
TOTAL	289.78	210.63	318.35	3 373.7	1 312.3	508.8	334.94	272.30	277.33	384.58	359.86	882.0	TOTAL
MEAN	9.35	7.52	10.2	113	42.3	17.0	10.8	8.78	9.24	12.4	12.3	27.8	MEAN
MAX	10.5	8.50	41.8	183	73.8	23.8	17.3	13.5	17.1	19.3	21.7	85.8	MAX
MIN	8.35	7.08	6.66	88.5	24.1	10.8	7.80	7.36	7.79	9.77	8.85	12.7	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 23.3
MAXIMUM DAILY, 183 ON APR 20
MINIMUM DAILY, 6.36 ON SEP 8

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 47 24 24 N
LONG 65 47 42 W
DRAINAGE AREA, 1 860 km²

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	25 000	JUL	29 900
FEB	18 200	AUG	23 500
MAR	27 300	SEP	24 000
APR	291 000	OCT	33 200
MAY	113 000	NOV	31 700
JUN	66 100	DEC	74 500

TOTAL DISCHARGE, 734 000 dam³

DATA CONTRIBUTED BY -
CONSOLIDATED-BATHURST COMPANY LIMITED

REGULATED

NERSPIS RIVER NEAR FOWLERS CORNER - STATION NO. 01AP005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.988	1.23 B	0.8308	48.5 B	7.30	2.07	0.895	0.178	0.082	5.26	4.44	85.4	1
2	1.828	1.19 B	0.8208	91.4 B	5.30	1.43	0.800	0.164	0.082	8.89	3.57	39.8	2
3	2.068	1.17 B	0.8108	88.0 B	4.41	1.08	0.502	0.200	0.088	4.61	3.17	16.3	3
4	1.858	1.16 B	0.8008	71.9	3.98	0.953	0.444	0.384	0.066	3.55	3.16	8.80	4
5	1.858	1.14 B	0.8008	65.0	3.54	0.844	0.400	0.335	0.080	4.03	3.10	7.78	5
6	1.488	1.12 B	0.7908	60.3	4.91	1.52	0.388	0.245	0.082	3.01	2.63	8.91	6
7	1.448	1.10 B	0.7808	86.8	9.46	3.29	0.325	0.189	0.050	2.28	2.40	5.308	7
8	1.468	1.08 B	0.7708	38.6	6.87	1.46	0.298	0.180	0.055	2.65	1.97	4.508	8
9	1.558	1.07 B	0.7708	25.6	4.67	3.73	0.264	0.141	0.178	4.79	2.35	3.808	9
10	1.508	1.06 B	0.7808	24.0	3.77	7.87	0.244	0.145	1.11	3.42	3.01	3.808	10
11	1.488	1.05 B	0.7408	31.3	2.89	5.10	0.243	0.164	0.588	2.51	2.34	4.258	11
12	1.428	1.03 B	0.7308	34.7	2.91	4.82	0.243	0.163	0.379	1.96	2.00	3.608	12
13	1.378	1.02 B	0.7308	27.7	3.38	4.10	0.248	0.154	0.285	1.74	2.38	3.308	13
14	1.338	1.00 B	0.7208	20.3	3.44	3.85	0.230	0.131	0.498	1.57	3.52	3.058	14
15	1.308	0.9908	0.7108	17.9	3.44	3.46	0.245	0.111	1.00	1.41	2.858	2.958	15
16	1.258	0.9808	0.7058	16.7	5.38	1.81	0.284	0.104	0.542	1.40	2.608	2.808	16
17	1.238	0.9808	0.7008	16.9	3.68	1.29	0.234	0.100	1.17	1.24	2.388	2.658	17
18	1.198	0.9508	0.6988	16.2	2.82	1.01	0.201	0.098	1.20	1.17	8.00	2.588	18
19	1.198	0.9408	0.7028	15.2	2.16	0.853	0.182	0.088	0.898	1.13	8.74	2.508	19
20	1.128	0.9308	0.8508	14.6	1.86	0.781	0.158	0.080	0.805	1.15	6.29	2.428	20
21	1.098	0.9208	1.15 B	11.5	1.63	0.674	0.181	0.081	6.82	1.12	18.2	2.388	21
22	1.068	0.9108	1.50 B	9.82	1.84	0.567	0.177	0.083	11.3	1.33	8.23	2.308	22
23	1.158	0.9008	2.10 B	7.80	2.74	0.521	0.187	0.080	7.10	1.38	5.308	2.258	23
24	1.288	0.8808	3.00 B	6.62	2.83	0.520	0.183	0.058	4.30	1.18	3.808	2.208	24
25	1.428	0.8708	4.25 B	5.87	2.17	0.804	0.303	0.048	2.80	1.15	3.258	2.148	25
26	1.388	0.8608	5.90 B	4.80	1.72	0.698	0.238	0.047	1.88	2.17	2.858	2.108	26
27	1.338	0.8508	8.70 B	4.16	1.43	0.803	0.485	0.050	1.45	1.88	2.858	2.038	27
28	1.328	0.8508	13.0 B	3.73	1.30	1.37	0.855	0.042	1.18	1.80	2.458	2.008	28
29	1.288		10.0 B	7.88	1.32	1.43	0.358	0.048	0.944	16.6	2.428	1.958	29
30	1.288		12.4 B	11.8	1.17	0.898	0.257	0.085	0.933	9.47	6.83	1.908	30
31	1.258		18.6 B		1.88		0.208	0.083		5.90		1.888	31
TOTAL	43.43	28.210	97.816	849.48	103.15	57.575	9.441	3.953	47.114	101.40	121.89	236.30	TOTAL
MEAN	1.40	1.01	3.16	28.3	3.33	1.92	0.305	0.128	1.57	3.27	4.06	7.62	MEAN
MAX	2.06	1.23	15.6	91.4	9.46	7.87	0.895	0.384	11.3	16.6	18.2	85.4	MAX
MIN	1.06	0.850	0.898	3.73	1.17	0.520	0.158	0.042	0.050	1.12	1.97	1.88	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.86
MAXIMUM DAILY, 91.48 ON APR 2
MINIMUM DAILY, 0.042 ON AUG 28
MAXIMUM INSTANTANEOUS,
146 AT 15:50 AST ON DEC 1

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 30 08 N
LONG 66 19 14 W
DRAINAGE AREA, 293 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 750	JUL	815
FEB	2 440	AUG	342
MAR	8 450	SEP	4 070
APR	73 400	OCT	8 760
MAY	8 910	NOV	10 500
JUN	4 970	DEC	20 400

TOTAL DISCHARGE, 147 000 dam³

NIGADOO RIVER NEAR ALCIDA - STATION NO. 01BJ011

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.5618	0.4218	0.3328	14.0 B	5.73	1.15	0.869	0.245	0.155	0.226	0.553	13.0 B	1
2	0.5578	0.4188	0.3308	19.0 B	5.47	1.03	0.676	0.253	0.167	0.227	0.576	12.3	2
3	0.5448	0.4158	0.3388	16.0 B	5.08	0.945	0.580	0.282	0.171	0.220	0.646	8.69	3
4	0.5378	0.4128	0.3278	14.0 B	4.65	0.930	0.490	0.183	0.406	0.507	0.642	8.42	4
5	0.5328	0.4098	0.3258	12.5 B	4.32	0.957	0.760	0.398	0.148	0.935	0.731	7.67	5
6	0.5278	0.4068	0.3238	11.0 B	4.08	0.989	0.831	0.300	0.136	0.685	0.798	5.40	6
7	0.5218	0.4028	0.3218	10.0 B	5.46	0.876	0.498	0.271	0.126	0.547	1.10 B	4.70 B	7
8	0.5148	0.3998	0.3198	9.76	5.47	0.820	0.467	0.259	0.122	0.618	0.9008	3.80 B	8
9	0.5068	0.3968	0.3178	10.1	4.85	0.747	0.434	0.228	0.167	0.661	0.7508	3.72 B	9
10	0.5038	0.3938	0.3158	11.5	4.03	0.700	0.384	0.218	0.897	0.515	0.8508	3.31 B	10
11	0.4978	0.3908	0.3138	11.7	3.53	0.637	0.289	0.209	0.430	0.436	0.5808	1.92 B	11
12	0.4938	0.3868	0.3118	11.2	3.43	0.633	0.312	0.217	0.282	0.422	0.6608	1.68 B	12
13	0.4888	0.3838	0.3098	9.97	3.25	0.551	0.313	0.220	0.231	0.394	0.7608	1.48 B	13
14	0.4858	0.3808	0.3078	8.48	2.87	0.519	0.275	0.208	0.888	0.384	0.8508	1.33 B	14
15	0.4788	0.3778	0.3088	10.2	2.92	0.518	0.263	0.204	0.840	0.373	0.7808	1.22 B	15
16	0.4738	0.3748	0.3048	11.3	3.43	0.544	0.282	0.188	0.498	0.308	0.8808	1.15 B	16
17	0.4688	0.3708	0.3038	10.3	3.08	0.467	0.244	0.244	0.380	0.293	2.03	1.08 B	17
18	0.4648	0.3678	0.3028	36.8 E	2.79	0.434	0.249	0.240	0.332	0.313	1.91	1.00 B	18
19	0.4608	0.3648	0.3018	36.1	2.55	0.435	0.231	0.216	0.314	0.315	1.42	0.9708	19
20	0.4588	0.3618	0.3008	32.6	2.39	0.442	0.230	0.288	0.287	0.336	1.08 B	0.9208	20
21	0.4508	0.3588	0.8008	25.9	2.04	0.370	0.217	0.303	0.252	0.332	0.9008	0.8808	21
22	0.4448	0.3558	0.7008	18.3	1.87	0.348	0.227	0.271	0.384	0.375	0.8008	0.8308	22
23	0.4708	0.3528	0.8008	12.4	1.74	0.347	0.240	0.282	0.282	0.347	0.7208	0.8308	23
24	0.4608	0.3498	1.20 B	10.0	1.72	0.308	0.243	0.247	0.251	0.313	0.6408	0.4008	24
25	0.4558	0.3458	2.00 B	8.21	1.61	0.312	0.246	0.208	0.222	0.391	0.5808	0.7708	25
26	0.4908	0.3418	2.50 B	6.86	1.48	0.324	0.336	0.181	0.218	0.648	0.9308	0.7808	26
27	0.4458	0.3388	3.00 B	5.82	1.34	0.350	0.678	0.184	0.233	0.575	0.4808	0.7308	27
28	0.4408	0.3358	4.00 B	5.05	1.32	1.46	0.375	0.180	0.213	0.531	0.4408	0.7008	28
29	0.4358		6.00 B	4.92	1.27	1.53	0.314	0.188	0.210	0.655	0.4208	0.6708	29
30	0.4318		8.00 B	5.43	1.21	1.04	0.268	0.185	0.210	0.662	0.8008	0.8508	30
31	0.4278		10.0 B		1.30		0.261	0.149		0.605		0.8308	31
TOTAL	14.978	10.594	45.302	407.99	98.01	20.811	11.889	7.558	8.840	14.070	24.371	66.830	TOTAL
MEAN	0.483	0.378	1.46	13.6	3.10	0.694	0.384	0.244	0.288	0.454	0.809	2.60	MEAN
MAX	0.561	0.421	10.0	36.8	5.73	1.53	0.869	0.498	0.840	0.935	2.03	13.0	MAX
MIN	0.427	0.338	0.300	4.92	1.21	0.308	0.217	0.148	0.122	0.230	0.439	0.830	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.05
MAXIMUM DAILY, 36.8E ON APR 18
MINIMUM DAILY, 0.122 ON SEP 8
MAXIMUM INSTANTANEOUS,
57.8E AT 12:19 AST ON APR 18

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 44 24 N
LONG 65 43 47 W
DRAINAGE AREA, 133 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 290	JUL	1 030
FEB	915	AUG	683
MAR	3 910	SEP	745
APR	35 300	OCT	1 330
MAY	8 300	NOV	2 100
JUN	1 800	DEC	7 900

TOTAL DISCHARGE, 64 600 dam³

REMARKS THE "E" FOR DISCHARGES ABOVE 38.0 m³/s IS DUE TO CURVE EXTENSION

NORTH BRANCH OROMOCTO RIVER AT TRACY - STATION NO. 01AM001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.158	2.308	2.108	110 B	15.8	3.32	3.46	0.753	0.159	8.07	7.00	91.4	1
2	3.058	2.288	2.108	156 B	14.2	2.95	2.97	0.650	0.157	9.36	5.82	84.8	2
3	3.208	2.258	2.108	141	11.8	2.75	2.17	0.852	0.140	7.50	4.78	81.0	3
4	3.408	2.228	2.108	133	10.8	2.62	1.78	1.01	0.144	6.78	4.43	30.4	4
5	2.958	2.208	2.108	120	9.77	2.63	1.85	0.958	0.137E	7.82	4.37	20.1	5
6	2.788	2.188	2.108	108	10.2	2.87	1.44	0.807	0.124E	7.11	4.22	14.8	6
7	2.608	2.188	2.108	128	14.7	3.15	1.19	0.734	0.125E	6.74	3.74	12.4	7
8	2.908	2.188	2.118	104	13.8	2.88	1.11	0.593	0.127E	6.51	3.28	11.0	8
9	2.658	2.188	2.138	74.8	11.7	3.71	1.07	0.583	0.299	7.67	3.35	10.5	9
10	2.628	2.188	2.138	81.1	10.1	10.0	1.01	0.497	0.650	7.15	3.48	9.72	10
11	2.528	2.178	2.138	85.8	8.85	11.2	0.938	0.485	0.511	5.76	3.35	9.70	11
12	2.458	2.178	2.138	70.9	7.97	10.5	0.956	0.485	0.416	4.48	3.228	8.90	12
13	2.398	2.158	2.148	85.2	7.52	9.10	0.878	0.439	0.379	3.76	3.288	10.0	13
14	2.328	2.158	2.148	92.8	8.73	7.31	0.922	0.257	0.584	3.38	3.358	9.19	14
15	2.278	2.148	2.168	44.0	8.98	8.18	0.838	0.351	1.31	2.92	3.458	7.30	15
16	2.208	2.148	2.168	38.6	8.83	4.99	0.930	0.341	1.11	2.67	3.81	8.908	16
17	2.148	2.148	2.218	36.8	8.12	3.78	0.807	0.314	1.85	2.49	4.06	8.608	17
18	2.088	2.138	2.308	36.7	8.85	3.98	0.748	0.248	2.11	2.44	8.17	8.308	18
19	2.028	2.138	2.358	36.3	4.93	3.59	0.662	0.287	1.85	2.51	8.85	8.108	19
20	1.958	2.138	2.508	33.4	4.10	2.43	0.838	0.303	1.41	2.49	8.38	8.908	20
21	1.908	2.128	3.008	28.7	3.83	2.16	0.831	0.273	8.88	2.44	14.0	8.808	21
22	1.858	2.128	3.508	24.7	3.58	1.78	0.875	0.309	27.1	2.47	10.8.8	8.408	22
23	2.108	2.118	4.208	20.1	3.93	1.45	0.888	0.298	26.7	2.55	8.678	8.208	23
24	2.248	2.118	5.008	18.9	4.25	1.45	0.887	0.243	18.1	2.88	7.518	8.008	24
25	2.458	2.118	6.408	14.8	4.08	1.78	0.793	0.218	12.2	3.88	6.858	4.858	25
26	2.428	2.108	10.0 8	13.1	3.56	1.88	0.879	0.224	8.45	4.85	6.238	4.788	26
27	2.408	2.108	17.5 8	11.9	3.33	1.47	1.70	0.210	5.82	4.53	5.438	4.658	27
28	2.388	2.108	20.0 8	11.0	3.00	2.78	1.56	0.173	4.17	4.10	4.878	4.558	28
29	2.378		18.0 8	11.3	3.02	3.82	1.31	0.185	3.13	8.51	4.318	4.458	29
30	2.348		16.2 8	15.4	2.95	2.94	1.07	0.181	2.98	10.5	6.238	4.408	30
31	2.328		50.0 8		3.15		0.899	0.181		8.91		4.308	31
TOTAL	78.46	60.48	197.11	1 783.4	226.22	119.25	37.213	13.641	133.702	180.94	155.90	476.15	TOTAL
MEAN	2.47	2.16	6.36	59.4	7.30	3.98	1.20	0.440	4.46	5.19	5.55	15.4	MEAN
MAX	3.40	2.30	50.0	156	15.8	11.2	3.46	1.01	26.7	10.5	14.0	91.4	MAX
MIN	1.85	2.10	2.10	11.0	2.95	1.45	0.831	0.181	0.124	2.44	3.23	4.30	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 9.46
MAXIMUM DAILY, 155B ON APR 2
MINIMUM DAILY, 0.124E ON SEP 6
MAXIMUM INSTANTANEOUS,
201 AT 16.02 AST ON APR 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT. 45 40 25 N
LONG 66 40 58 W
DRAINAGE AREA, 557 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	6 610	JUL	3 220
FEB	5 230	AUG	1 160
MAR	17 000	SEP	11 500
APR	154 000	OCT	13 900
MAY	19 500	NOV	14 400
JUN	10 300	DEC	41 100

TOTAL DISCHARGE 298 000 dam³

REMARKS - THE "E" FOR DISCHARGES BELOW 134 m³/s IS DUE TO CURVE EXTENSION

NORTHWEST MIRAMICHI RIVER AT TROUT BROOK STATION NO 01B0001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.808	3.358	3.048	74.0B	32.3	8.87	8.17	3.20	1.88	7.80	12.0	105 E	1
2	5.308	3.328	3.028	88.0B	30.8	8.28	6.86	3.22	1.88	12.0	10.5	113 E	2
3	5.158	3.308	3.008	105 B	26.9	7.57	5.57	3.11	2.00	10.4	9.93	88.5 E	3
4	5.008	3.278	2.988	115 B	24.9	7.09	5.31	2.73	1.88	9.89	9.59	43.0 E	4
5	4.828	3.248	2.968	116	24.0	7.16	5.55	4.96	1.71	15.6	13.7	33.0 E	5
6	4.678	3.208	2.948	96.2	22.6	7.20	5.58	4.14	1.62	13.1	14.5	29.0 E	6
7	4.578	3.178	2.928	89.1	20.7	7.27	4.95	3.38	1.80	10.5	12.1	25.5 E	7
8	4.438	3.148	2.908	87.5	33.6	7.02	4.03	2.93	1.82	11.0	10.0 B	20.0 E	8
9	4.338	3.118	2.888	71.3	27.7	6.57	3.27	2.84	2.13	16.1	9.40B	18.8 E	9
10	4.208	3.088	2.868	69.4	24.3	6.33	3.04	2.48	5.13	13.3	8.00B	18.5 E	10
11	4.138	3.068	2.858	76.4	22.0	6.29	3.16	2.39	5.78	11.2	7.20B	18.5 E	11
12	4.008	3.048	2.848	81.1	20.4	6.49	3.50	2.43	4.37	9.97	6.80B	18.5 E	12
13	3.808	3.028	2.828	74.2	19.5	6.33	3.41	2.33	3.56	8.77	6.20B	14.7 E	13
14	3.808	3.008	2.808	83.4	17.8	6.00	3.28	2.17	6.17	8.25	5.80B	13.5 E	14
15	3.718	2.988	2.788	57.4	16.5	6.13	3.08	2.08	12.8	7.83	5.20B	11.5 B	15
16	3.658	2.968	2.848	57.2	17.6	8.35	3.08	2.12	9.28	7.36	5.40B	11.0 B	16
17	3.578	2.948	2.958	57.6	16.4	5.48	2.98	2.14	8.85	7.57	5.40B	10.5 B	17
18	3.528	2.928	3.108	70.7	15.2	4.85	2.57	2.17	5.43	8.97	5.00B	10.1 B	18
19	3.478	2.908	3.328	101	14.7	4.58	2.33	2.08	4.47	8.71	5.40B	9.80B	19
20	3.428	2.888	3.808	103	13.9	4.48	2.29	2.00	4.03	8.48	7.70B	9.40B	20
21	3.388	2.868	4.108	84.4	13.5	4.26	2.21	1.93	3.79	8.38	7.20B	9.20B	21
22	3.838	2.848	4.808	78.5	13.0	4.10	2.24	2.01	5.13	8.32	8.70B	9.00B	22
23	3.738	2.828	5.808	62.2	11.8	3.98	2.28	2.18	8.44	8.13	8.40B	8.70B	23
24	3.688	2.808	7.208	68.7	11.1	3.81	2.83	2.56	7.38	8.88	8.00B	8.50B	24
25	3.638	2.788	9.008	41.3	10.1	3.78	3.72	2.38	6.10	8.45	8.70B	8.20B	25
26	3.588	2.958	14.0 B	34.9	9.55	3.84	3.93	2.07A	5.25	10.4	8.40B	7.90B	26
27	3.588	3.018	19.0 B	30.4	9.04	3.81	7.13	2.00	4.86	10.6	8.20B	7.80B	27
28	3.508	3.068	26.0 B	27.8	8.85	8.89	8.81	1.88	4.39	9.03	8.00B	7.40B	28
29	3.488		34.0 B	26.7	8.67	14.4	4.45	1.88	4.04	13.5	8.40B	7.00B	29
30	3.428		33.0 B	28.3	8.38	10.1	3.24	2.01	3.88	17.1	8.80B	8.70B	30
31	3.398		50.0 B		9.22		3.19	1.87		13.8		8.40B	31
TOTAL	134.11	85.03	285.30	2 126.9	565.91	181.14	123.44	78.84	138.03	307.12	230.82	662.30	TOTAL
MEAN	4.00	3.04	8.56	70.9	18.3	6.37	3.98	2.53	4.60	9.81	7.70	23.0	MEAN
MAX	5.80	3.35	50.0	116	33.6	14.4	8.17	4.85	12.8	17.1	14.5	113	MAX
MIN	3.39	2.78	2.78	26.7	8.38	3.81	2.21	1.87	1.80	7.80	4.80	8.40	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 13.5
MAXIMUM DAILY, 116 ON APR 5
MINIMUM DAILY, 1.80 ON SEP 7
MAXIMUM INSTANTANEOUS,
143 AT 14.10 AST ON APR 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 05 41 N
LONG 65 50 14 W
DRAINAGE AREA 948 km²

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	10 700	JUL	10 700
FEB	7 350	AUG	6 780
MAR	23 500	SEP	11 900
APR	184 000	OCT	28 500
MAY	48 500	NOV	20 000
JUN	18 500	DEC	69 000

TOTAL DISCHARGE, 625 000 dam³

PETITCODIAC RIVER NEAR PETITCODIAC - STATION NO. 01BU002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.80 B	0.850B	0.670B	84.8 B	14.3	1.87	1.25	0.470	0.309	2.04	3.34	25.0	1
2	1.50 B	0.820B	0.670B	115 B	10.6	1.73	1.04	0.890	0.422	17.0	2.76	27.4	2
3	1.85 B	0.810B	0.670B	93.6	7.86	1.43	0.901	0.524	0.431	12.5	2.15	17.0	3
4	1.47 B	0.781B	0.664B	87.2	6.40	1.20	0.874	0.541	0.425	11.5	2.31	10.3	4
5	1.36 B	0.760B	0.668B	76.8	5.46	1.11	0.855	0.483	0.409	12.0	3.93	8.11	5
6	1.30 B	0.770B	0.685B	82.0	5.86	2.34	0.835	0.430	0.384	8.37	5.02	7.14	6
7	1.40 B	0.760B	0.685B	84.4	6.74	7.05	0.759	0.399	0.383	5.15	4.05	5.758	7
8	1.48 B	0.750B	0.660B	86.7	8.44	5.52	0.736	0.372	0.382	5.85	3.08	5.158	8
9	1.58 B	0.740B	0.680B	42.6	5.15	5.49	0.666	0.366	1.67	9.84	3.07	4.928	9
10	1.50 B	0.740B	0.650B	31.7	4.14	18.8	0.691	0.366	4.85	7.11	4.81	4.608	10
11	1.43 B	0.730B	0.650B	31.2	3.55	15.4	0.644	0.371	2.86	4.68	4.09	4.388	11
12	1.36 B	0.720B	0.650B	35.6	3.35	12.6	0.648	0.438	1.52	3.69	3.56	4.18	12
13	1.33 B	0.720B	0.650B	31.4	4.24	12.5	0.682	0.416	1.10	3.05	3.51	4.008	13
14	1.30 B	0.710B	0.650B	23.9	3.56	8.95	0.641	0.385	3.36	2.53	3.84	3.858	14
15	1.24 B	0.700B	0.650B	19.5	2.80	8.15	0.632	0.391	5.40	2.21	5.22	3.728	15
16	1.20 B	0.700B	0.650B	17.5	3.49	4.56	0.623	0.372	3.20	2.12	4.85	3.558	16
17	1.16 B	0.700B	0.650B	17.6	3.31	3.40	0.610	0.415	2.38	1.83	4.25	3.458	17
18	1.12 B	0.698B	0.650B	19.0	2.77	2.57	0.472	0.397	1.88	1.81	7.31	3.328	18
19	1.08 B	0.689B	0.630B	23.6	2.47	2.11	0.455	0.437	1.42	1.75	10.6	3.218	19
20	1.05 B	0.695B	0.650B	24.8	2.07	2.84	0.443	0.382	1.24	1.78	8.78	3.128	20
21	1.02 B	0.690B	0.650B	18.8	1.82	1.93	0.418	0.356	2.32	1.72	20.4	3.028	21
22	0.980B	0.685B	1.80 B	15.8	1.89	1.56	0.435	0.335	12.5	1.65	15.8	2.958	22
23	0.960B	0.680B	3.80 B	13.3	2.04	1.26	0.438	0.382	13.1	1.57	9.91	2.898	23
24	0.930B	0.675B	2.90 B	10.8	1.78	1.30	0.584	0.380	8.82	1.48	7.51	2.808	24
25	1.05 B	0.670B	2.40 B	10.2	1.48	1.30	0.580	0.342	6.52	1.57	7.36	2.708	25
26	0.988B	0.670B	3.50 B	8.57	1.28	1.28	0.543	0.352	3.41	3.12	6.61	2.608	26
27	0.970B	0.665B	4.50 B	7.12	1.27	1.14	0.885	0.345	2.28	3.11	5.41	2.528	27
28	0.930B	0.655B	4.00 B	5.96	1.12	1.95	0.510	0.334	1.77	2.44	3.608	2.468	28
29	0.910B		12.0 B	12.2	1.11	2.08	0.451	0.327	1.50	3.27	3.408	2.398	29
30	0.880B		16.4 B	18.7	1.08	1.58	0.435	0.357	1.24	4.70	3.958	2.328	30
31	0.850B		28.3 B		1.23		0.462	0.336		4.05		2.288	31
TOTAL	37.628	20.263	97.490	1 060.47	120.74	136.72	19.876	12.466	85.585	145.44	173.99	181.08	TOTAL
MEAN	1.21	0.724	3.14	35.3	3.89	4.56	0.641	0.402	2.89	4.69	5.80	5.84	MEAN
MAX	1.85	0.850	28.3	115	14.3	18.8	1.25	0.890	13.1	17.0	20.4	27.4	MAX
MIN	0.880	0.665	0.650	5.96	1.08	1.11	0.416	0.327	0.309	1.48	2.15	2.24	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.73
MAXIMUM DAILY, 1158 ON APR 2
MINIMUM DAILY, 0.309 ON SEP 1

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 58 37 N
LONG 65 10 13 W
DRAINAGE AREA, 391 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 250	JUL	1 720
FEB	1 760	AUG	1 040
MAR	8 420	SEP	7 460
APR	91 600	OCT	12 600
MAY	10 400	NOV	15 000
JUN	11 800	DEC	15 600

TOTAL DISCHARGE, 181 000 dam³

PISKAHEGAN STREAM NEAR PLEASANT MOUNTAIN - STATION NO. 01AQ008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.75 B	0.870B	0.425B	52.5 A	5.22	2.36	1.25	0.213	0.039	5.69	4.31	33.4	1
2	1.65 B	0.824B	0.422B	54.6	5.35	2.10	0.871	0.207	0.037	5.61	3.43	39.8	2
3	1.79 B	0.820B	0.420B	55.5	4.23	1.67	0.787	0.287	0.035	5.50	2.86	31.8	3
4	1.85 B	0.808B	0.418B	56.5	3.46	1.23	0.663	0.453	0.034	4.38	2.62	20.9	4
5	1.55 B	0.986B	0.418B	45.4	3.00	1.16	0.587	0.342	0.034	3.84	2.36	12.9	5
6	1.48 B	0.582B	0.408B	43.2	3.38	1.42	0.501	0.272	0.028	3.33	2.21	9.27	6
7	1.40 B	0.570B	0.400B	40.8	8.08	1.69	0.409	0.224	0.026	2.78	2.01	7.11	7
8	1.33 B	0.560B	0.395B	36.6	6.46	1.53	0.355	0.198	0.027	2.69	1.75	5.90	8
9	1.28 B	0.550B	0.390B	29.4	5.33	2.78	0.306	0.191	0.078	3.10	1.89	4.97	9
10	1.22 B	0.542B	0.385B	23.4	4.06	4.76	0.275	0.183	0.194	2.66	1.78	4.68	10
11	1.18 B	0.540B	0.380B	21.0	3.14	5.29	0.283	0.187	0.159	2.47	1.72	4.97	11
12	1.11 B	0.538B	0.378B	21.5	2.78	5.04	0.262	0.185	0.141	1.89	1.82	4.68	12
13	1.08 B	0.530B	0.375B	22.3	2.54	4.36	0.238	0.117	0.158	1.71	1.62	3.958	13
14	1.02 B	0.528B	0.370B	20.2	2.45	3.55	0.210	0.103	0.404	1.52	1.72	3.308	14
15	0.990B	0.520B	0.369B	16.5	2.23	2.87	0.198	0.094	0.588	1.37	1.78	3.01	15
16	0.950B	0.510B	0.368B	13.7	2.56	2.41	0.188	0.090	0.508	1.27	1.67	2.70	16
17	0.920B	0.507B	0.359B	12.7	2.47	1.78	0.182	0.081	0.730	1.17	1.438	2.53	17
18	0.880B	0.510B	0.355B	12.6	2.09	1.34	0.162	0.084	0.783	1.11	2.44	2.408	18
19	0.840B	0.490B	0.350B	13.0	1.78	1.07	0.144	0.085	0.752	1.11	3.58	2.308	19
20	0.800B	0.485B	0.350B	13.1	1.45	0.916	0.128	0.085	0.719	1.08	4.00	2.188	20
21	0.760B	0.480B	0.400B	12.1	1.26	0.787	0.131	0.047	3.99	1.03	8.29	2.108	21
22	0.720B	0.475B	0.460B	10.8	1.11	0.862	0.132	0.042	8.40	1.15	8.23	2.028	22
23	0.780B	0.485B	0.740B	9.06	1.43	0.897	0.132	0.084	10.5	1.12	4.68	2.008	23
24	0.815B	0.480B	1.20 B	7.42	1.95	0.838	0.120	0.076	8.48	1.08	3.83	1.928	24
25	0.880B	0.480B	2.04 B	8.24	1.82	0.742	0.140	0.050	5.80	1.22	3.31	1.878	25
26	0.820B	0.445B	1.85 B	5.19	1.33	0.817	0.171	0.043	3.88	1.82	3.04	1.808	26
27	0.780B	0.440B	1.72 B	4.21	1.14	0.877	0.320	0.037	3.08	2.04	2.71	1.758	27
28	0.780B	0.435B	3.00 B	3.48	1.00	1.34	0.308	0.038	2.45	2.13	2.43	1.718	28
29	0.740B		7.40 B	3.88	0.876	1.72	0.285	0.037	2.02	5.76	2.36	1.688	29
30	0.710B		13.0 B	5.71	0.837	1.86	0.254	0.048	2.09	6.56	3.80	1.648	30
31	0.680B		21.0 B		1.02		0.228	0.042		5.76		1.618	31
TOTAL	33.295	14.725	80.580	577.13	84.515	56.849	10.311	4.081	57.275	85.76	86.28	223.08	TOTAL
MEAN	1.07	0.526	1.95	22.5	2.73	1.95	0.333	0.131	1.91	2.77	2.84	7.20	MEAN
MAX	1.79	0.870	21.0	56.5	8.46	6.26	1.25	0.453	10.5	6.61	8.29	39.8	MAX
MIN	0.680	0.435	0.350	3.48	0.837	0.538	0.120	0.037	0.027	1.02	1.43	1.61	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.82
MAXIMUM DAILY, 56.5 ON APR 4
MINIMUM DAILY, 0.027 ON SEP 6
MAXIMUM INSTANTANEOUS,
72.4 AT 20:00 AST ON APR 4

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 25 05 N
LONG 66 53 13 W
DRAINAGE AREA, 197 km²

A - MANUAL GAUGE
B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 870	JUL	881
FEB	1 370	AUG	351
MAR	5 330	SEP	4 950
APR	56 500	OCT	7 410
MAY	7 300	NOV	7 370
JUN	5 050	DEC	19 300

TOTAL DISCHARGE, 121 000 dam³

POINT WOLFE RIVER AT FUNDY NATIONAL PARK - STATION NO. 01BV008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.30 B	0.720B	0.675B	7.76B	7.25	3.53	1.08	0.388	0.477	2.29	4.39	21.0 E	1
2	2.75 B	0.700B	0.668B	21.5	5.52	2.31	0.694	0.388	0.422	7.18	3.95	18.5 E	2
3	3.62 B	0.668B	0.630B	19.5	4.77	1.72	0.770	0.388	0.322	4.24	3.85	14.0 E	3
4	3.20 B	0.670B	0.620B	22.6	4.52	1.45	0.757	0.605	0.284	16.6	3.43	9.00E	4
5	2.82 B	0.660B	0.610B	23.7	4.13	1.36	0.728	0.488	0.267	10.6	3.42	7.40E	5
6	2.72 B	0.655B	0.600B	28.3	5.10	2.80	0.705	0.400	0.239	8.88	3.50	5.80E	6
7	3.15 B	0.650B	0.595B	31.5	5.41	4.51	0.650	0.348	0.229	5.02	3.08	5.10E	7
8	3.40 B	0.640B	0.588B	24.4	6.89	2.82	0.604	0.314	0.234	8.87	2.84	4.30E	8
9	3.10 B	0.638B	0.582B	15.8	4.89	2.89	0.550	0.341	3.81	8.39	2.83	3.75E	9
10	2.80 B	0.630B	0.580B	12.0	4.07	3.59	0.585	0.318	1.88	5.64	3.13	3.45E	10
11	2.62 B	0.620B	0.578B	13.2	3.80	3.86	0.483	0.283	0.831	4.71	2.88	3.25E	11
12	2.15 B	0.620B	0.582B	14.8	3.44	2.88	0.488	0.287	0.686	4.18	2.44	3.13E	12
13	1.95 B	0.610B	0.588B	12.9	3.46	3.19	0.478	0.288	0.580	3.43	2.54	2.98E	13
14	1.76 B	0.605B	0.580B	10.8	2.84	2.71	0.483	0.263	12.8	2.89	2.45	2.70E	14
15	1.54 B	0.600B	0.548B	9.57	2.61	2.59	0.606	0.272	4.56	2.77	2.81	2.60B	15
16	1.40 B	0.600B	0.540B	8.37	2.90	2.17	0.595	0.274	2.21	2.88	3.54	2.49B	16
17	1.26 B	0.600B	0.538B	10.0	2.41	1.78	0.503	0.288	2.80	2.45	3.83	2.33B	17
18	1.15 B	0.598B	0.530B	11.5	2.18	1.67	0.411	0.283	1.86	2.38	7.74	2.20B	18
19	1.00 B	0.598B	0.528B	14.8	2.03	1.53	0.406	0.283	1.46	2.21	8.28A	2.02B	19
20	0.880B	0.587B	0.520B	12.7	1.78	1.87	0.380	0.220	1.31	2.07	9.90E	1.90B	20
21	0.780B	0.590B	1.10 B	10.3	1.54	1.38	0.393	0.189	5.63	1.89	11.9 E	1.80B	21
22	0.740B	0.585B	3.00 B	10.5	1.58	1.22	0.329	0.188	11.6	1.85	8.40E	1.70B	22
23	0.680B	0.582B	2.80 B	8.50	2.70	1.18	0.350	0.295	5.29	1.74	5.40E	1.63B	23
24	0.650B	0.580B	1.85 B	8.81	2.32	1.17	0.429	0.277	3.48	1.74	5.00E	1.55B	24
25	0.600B	0.580B	1.70 B	9.96	1.80	1.18	0.563	0.284	2.80	1.94	5.20E	1.50B	25
26	0.670B	0.580B	1.30 B	4.82	1.53	1.13	0.533	0.244	2.30	3.07	4.80E	1.42B	26
27	0.640B	0.578B	1.68 B	4.32	1.34	1.00	0.572	0.250	2.07	2.33	3.40E	1.39B	27
28	0.602B	0.580B	2.30 B	3.72	1.35	1.97	0.534	0.230	1.87	1.85	3.55E	1.34B	28
29	0.782B		2.53 B	7.55	1.34	1.68	0.479	0.242	1.62	10.4	3.25E	1.30B	29
30	0.780B		3.06 B	9.95	1.18	1.22	0.425	0.223	1.44	7.40	3.05E	1.25B	30
31	0.740B		3.06 B		2.78		0.387	0.244		5.11		1.22B	31
TOTAL	64.514	17.358	35.680	400.18	103.08	83.57	16.948	9.318	76.531	145.02	134.14	134.88	TOTAL
MEAN	1.78	0.620	1.15	13.3	3.33	2.12	0.547	0.301	2.55	4.68	4.47	4.35	MEAN
MAX	3.62	0.720	3.06	31.5	9.41	4.51	1.08	0.605	12.8	16.6	11.9	21.0	MAX
MIN	0.740	0.578	0.520	3.72	1.18	1.00	0.328	0.188	0.229	1.74	2.44	1.22	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.28
MAXIMUM DAILY, 31.5 ON APR 7
MINIMUM DAILY, 0.188 ON AUG 21
MAXIMUM INSTANTANEOUS,
35.3 AT 04:00 AST ON APR 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 33 32 N
LONG 65 01 02 W
DRAINAGE AREA, 130 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	4 710	JUL	1 460
FEB	1 500	AUG	805
MAR	3 070	SEP	1 810
APR	34 600	OCT	12 500
MAY	8 910	NOV	11 600
JUN	5 490	DEC	11 700

TOTAL DISCHARGE, 103 000 dam³

RENOUS RIVER AT MCGRAW BROOK - STATION NO. 01BO002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.50B	2.65B	2.10B	58.8B	19.0	5.56	5.15	3.08	1.45	9.92	13.2	78.5	1
2	4.40B	2.62B	2.08B	89.0B	18.4	5.37	5.12	2.91	1.42	11.8	10.8	88.7	2
3	4.28B	2.60B	2.08B	86.1	17.8	4.27	4.04	2.78	1.39	6.83	9.83	48.5	3
4	4.10B	2.58B	2.08B	76.4	16.8	4.12	3.58	2.86	1.41	9.13	10.1	31.8	4
5	4.00B	2.54B	2.04B	73.9	14.6	4.31	3.44	3.14	1.30	11.0	13.6	28.4	5
6	3.90B	2.51B	2.03B	70.7	13.6	4.83	3.18	3.14	1.20	10.6	13.4	23.5	6
7	3.80B	2.49B	2.00B	66.8	26.3	5.03	2.93	2.59	1.18	7.80	11.6	21.1	7
8	3.70B	2.48B	1.99B	75.2	26.3	4.07	2.63	2.26	1.17	10.7	9.75	18.2	8
9	3.68B	2.45B	1.98B	68.7	20.7	3.83	2.38	2.09	1.84	14.6	9.39	16.6	9
10	3.60B	2.43B	1.95B	46.8	16.6	3.71	2.50	2.00	5.87	10.8	8.80B	15.1	10
11	3.52B	2.40B	1.94B	51.0	14.3	3.53	4.35	3.18	4.40	8.10	8.40B	13.8	11
12	3.41B	2.40B	1.92B	56.7	12.7	4.25	3.78	2.36	3.38	6.05	8.15	13.1	12
13	3.38B	2.38B	1.91B	54.4	12.0	4.23	3.21	2.13	2.77	7.06	7.80B	12.3	13
14	3.32B	2.37B	1.90B	44.3	11.0	3.61	2.73	1.85	5.26	6.59	7.60B	11.7 B	14
15	3.26B	2.37B	1.68B	40.3	8.97	3.31	2.72	1.89	6.95	6.44	7.28B	10.8 B	15
16	3.25B	2.33B	1.65B	40.6	11.6	3.29	2.75	1.91	6.17	5.41	6.95B	10.2 B	16
17	3.18B	2.31B	1.64B	41.5	10.6	2.96	2.80	2.20	4.38	5.11	6.80B	9.80B	17
18	3.12B	2.30B	1.62B	45.3	8.20	2.86	2.28	2.12	3.81	5.33	7.40B	9.20B	18
19	3.10B	2.28B	1.61B	55.2	8.81	2.57	1.90	1.89	3.52	5.58	8.20B	8.80B	19
20	3.05B	2.28B	1.58B	64.4	8.18	2.50	1.72	1.84	2.85	6.05	9.10B	8.40B	20
21	3.02B	2.26B	2.00B	45.6	7.52	3.36	1.81	1.85	2.87	4.89	8.60B	8.00B	21
22	3.00B	2.23B	2.26B	40.4	8.87	2.18	1.83	1.81	10.2	6.85	7.80B	7.60B	22
23	2.82B	2.21B	2.60B	33.4	7.39	3.11	1.88	1.59	13.8	4.89	7.20B	7.20B	23
24	2.80B	2.20B	3.20B	28.1	8.81	3.05	2.38	1.81	10.8	4.95	6.70B	6.90B	24
25	2.88B	2.19B	3.90B	24.8	8.48	2.13	17.4	1.83	7.84	5.65	6.40B	6.60B	25
26	2.82B	2.18B	5.00B	20.6	8.05	3.05	11.7	1.46	8.34	8.33	5.90B	6.30B	26
27	2.80B	2.18B	5.20B	18.3	8.84	1.88	8.31	1.81	5.10	8.89	5.70B	6.00B	27
28	2.78B	2.14B	6.00B	16.8	8.33	8.33	5.84	1.38	4.40	7.77	5.60B	5.60B	28
29	2.72B		12.0 B	15.8	8.07	10.3	3.89	1.37	4.01	21.2	6.60B	5.60B	29
30	2.70B		14.0 B	16.6	8.08	8.79	3.28	1.38	3.84	22.0	11.0 B	5.40B	30
31	2.68B		34.6 B		8.48		3.08	1.37		18.3		5.20B	31
TOTAL	103.78	66.32	138.82	1 487.6	365.58	119.30	124.51	63.46	131.46	282.41	280.13	550.30	TOTAL
MEAN	3.35	2.37	4.41	48.8	11.8	3.98	4.02	2.05	4.38	9.11	8.67	17.8	MEAN
MAX	4.50	2.65	34.6	89.0	26.3	10.3	17.4	3.14	13.8	22.0	13.6	88.7	MAX
MIN	2.68	2.14	1.61	15.8	8.07	1.88	1.81	1.37	1.17	4.89	5.60	5.20	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 19.1
MAXIMUM DAILY, 89.7 ON DEC 2
MINIMUM DAILY, 1.17 ON SEP 6
MAXIMUM INSTANTANEOUS,
147 AT 19:31 AST ON DEC 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 49 17 N
LONG 66 06 53 W
DRAINAGE AREA, 811 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	6 970	JUL	10 800
FEB	5 730	AUG	5 480
MAR	11 800	SEP	11 400
APR	127 000	OCT	24 400
MAY	31 500	NOV	23 800
JUN	10 300	DEC	47 500

TOTAL DISCHARGE, 317 000 dam³

NEW BRUNSWICK

RESTIGOUCHE RIVER ABOVE RAFTING GROUND BROOK - STATION NO. 01BJ007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	51.0B	33.5B	20.0B	537B	179	78.7	110	49.5	37.6	47.9	93.6	170 B	1
2	51.1B	33.0B	19.8B	1 010	170	80.7	110	49.7	36.5	59.3	93.5	484	2
3	48.3B	32.5B	19.0B	978	158	73.4	100	47.8	35.4	57.4	92.9	443	3
4	48.4B	32.0B	18.4B	811	150	70.0	100	54.7	37.7	55.0	91.3	365	4
5	47.6B	31.5B	19.1B	781	142	68.6	107	58.6	35.6	58.3	99.0	327	5
6	46.7B	31.0B	18.9B	713	135	73.3	107	64.1	34.1	58.2	122	302	6
7	46.0B	30.5B	18.8B	789	141	82.4	96.0	64.0	33.1	66.8	124	257	7
8	45.5B	30.0B	18.4B	788	154	78.7	88.1	48.1	32.5	66.7	116	232	8
9	45.0B	29.5B	18.1B	702	144	71.2	83.7	45.1	33.8	78.4	120	218	9
10	44.5B	29.0B	17.7B	593	136	69.4	81.2	46.1	41.4	78.7	116	186	10
11	44.0B	28.2B	17.4B	532	132	68.4	77.9	49.5	57.1	78.3	108	163	11
12	43.5B	27.4B	17.1B	501	132	66.8	73.7	54.8	53.1	73.8	99.2	170	12
13	43.0B	26.6B	16.9B	476	135	63.4	72.7	58.1	47.8	71.7	104	158	13
14	42.5B	25.8B	16.6B	446	130	60.2	69.6	50.8	47.8	68.8	110	148	14
15	42.0B	25.0B	16.4B	414	124	58.3	68.2	45.9	48.4	69.9	99.8	114	15
16	41.5B	24.5B	17.0B	383	125	58.5	67.0	44.1	73.3	68.1	87.3	100 B	16
17	41.0B	24.0B	17.4B	378	121	56.7	64.0	44.7	62.3	65.3	78.3	90.0B	17
18	40.5B	23.5B	18.6B	388	114	52.7	59.1	48.8	56.2	64.4	87.8	82.0B	18
19	40.0B	23.0B	19.6B	424	108	51.2	54.8	45.6	52.6	63.1	98.0	80.0B	19
20	39.5B	22.5B	20.6B	418	104	50.7	53.7	44.3	50.3	62.2	93.0	70.0B	20
21	39.0B	22.0B	22.0B	388	101	50.3	50.0	46.4	48.6	60.2	88.2	60.0B	21
22	38.5B	21.5B	24.0B	360	98.3	48.5	51.3	50.6	49.3	58.5	78.5	85.0B	22
23	38.0B	21.0B	25.5B	327	96.5	46.6	51.1	50.1	54.8	60.3	88.6	83.0B	23
24	37.5B	20.5B	27.0B	303	95.6	44.7	52.1	60.3	54.2	58.0	62.0B	80.0B	24
25	37.0B	20.0B	28.0B	275	90.7	44.0	57.8	53.2	50.5	58.2	57.0B	57.0B	25
26	36.5B	20.5B	40.0B	249	88.7	43.7	63.0	48.9	47.6	74.6	52.0B	54.0B	26
27	36.0B	20.5B	70.0B	226	83.9	43.6	60.7	48.6	46.8	67.4	48.0B	52.0B	27
28	35.5B	20.5B	112 B	208	80.7	58.1	57.1	43.5	45.5	78.6	46.0B	50.0B	28
29	35.0B		200 B	195	78.5	120	51.0	41.3	44.6	61.3	44.0B	48.0B	29
30	34.5B		280 B	186	74.4	111	47.7	40.8	43.9	51.2	60.0B	47.0B	30
31	34.0B		384 B		76.6		47.1	38.8		93.1		46.0B	31
TOTAL	1 284.1	729.5	1 560.0	16 737	3 702.3	1 944.5	2 233.4	1 532.8	1 415.5	2 124.1	2 848.0	4 793.0	TOTAL
MEAN	41.7	26.1	51.0	491	119	64.8	72.0	49.4	47.2	68.5	88.3	155	MEAN
MAX	51.1	33.5	384	1 010	179	120	110	58.6	73.3	93.1	124	484	MAX
MIN	34.0	20.0	18.4	186	74.4	43.6	47.1	38.8	32.6	47.9	44.0	46.0	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 108
MAXIMUM DAILY, 1 010 ON APR 2
MINIMUM DAILY, 18.4B ON MAR 15
MAXIMUM INSTANTANEOUS,
1 070 AT 19:45 AST ON APR 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 54 28 N
LONG 66 56 51 W
DRAINAGE AREA, 7 740 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	112 000	JUL	193 000
FEB	63 000	AUG	132 000
MAR	137 000	SEP	122 000
APR	1 270 000	OCT	184 000
MAY	320 000	NOV	225 000
JUN	168 000	DEC	414 000

TOTAL DISCHARGE, 3 340 000 dam³

RESTIGOUCHE RIVER BELOW KEDGWICK RIVER - STATION NO. 01BC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	22.0B	13.6 B	7.80B	420 B	88.8	34.2	57.0	21.2	16.9	29.9	48.9	90.0B	1
2	21.0B	13.6 B	7.80B	806 A	81.1	31.6	52.7	20.2	17.5	31.5	48.5	280 E	2
3	20.5B	13.3 B	7.89B	497	67.3	27.8	45.0	20.8	16.8	36.5	46.5	230 E	3
4	20.1B	13.0 B	7.50B	384	53.4	26.2	50.2	29.0	15.8	28.6	49.8	200 E	4
5	19.8B	12.8 B	7.46B	332	50.9	26.6	53.6	33.4	15.1	36.1	60.5	175 E	5
6	19.6B	12.6 B	7.40B	308	49.1	35.7	50.2	28.3	14.5	38.7	88.4	180 E	6
7	19.4B	12.4 B	7.30B	333	52.8	34.7	45.5	23.1	14.0	34.2	86.8	150 E	7
8	19.1B	12.2 B	7.20B	340	56.2	30.0	42.4	20.5	13.5	36.7	64.0A	125 E	8
9	18.9B	12.0 B	7.10B	298	52.3	29.0	40.8	21.0	15.8	42.8	63.5E	110 E	9
10	18.7B	11.7 B	7.00B	264	50.6	29.9	39.0	21.7	27.8	41.1	62.0E	100 E	10
11	18.5B	11.4 B	6.90B	226	48.6	28.7	37.4	23.5	28.8	40.0	58.0E	90.0E	11
12	18.2B	11.2 B	6.80B	208	49.1	26.3	37.3	29.1	23.5	39.4A	54.0E	80.0E	12
13	17.8B	11.0 B	6.70B	195	48.7	25.2	35.5	24.9	20.4	38.8E	58.0E	70.0E	13
14	17.7B	10.8 B	6.60B	182	46.8	23.7	34.3	21.3	25.7	37.8E	60.0E	80.0A	14
15	17.8B	10.6 B	6.80B	169	45.1	24.4	33.6	19.4	36.5	37.1A	54.0E	48.0	15
16	17.3B	10.3 B	7.00B	157	46.3	24.9	32.6	19.8	32.5	36.7	47.0E	46.0B	16
17	17.1B	10.0 B	7.40B	150	44.1	23.5	29.6	22.0	26.6	34.9	44.0E	44.0B	17
18	16.8B	9.70B	7.70B	153	42.3	21.6	27.8	20.6	26.6	33.8	46.0E	42.0B	18
19	16.6B	9.50B	8.00B	184	40.8	20.8	26.7	19.0	24.7	32.8	53.0E	40.0B	19
20	16.3B	9.20B	9.00B	188	39.6	21.0	24.2	19.3	23.6	31.3	53.0E	38.0B	20
21	16.1B	8.80B	10.3 B	144	38.1	20.2	23.4	23.8	23.4	31.8	50.0E	36.0B	21
22	15.8B	8.60B	11.8 B	133	37.0	18.8	22.7	21.3	28.2	31.6	46.0E	34.0B	22
23	15.7B	8.30B	13.7 B	118	36.8	18.4	22.4	29.9	28.3	30.8	38.0E	33.0B	23
24	15.5B	8.10B	15.5 B	108	37.0	17.7	25.4	28.3	28.3	29.0	33.0B	31.5B	24
25	15.2B	7.90B	17.4 B	97.9	36.4	17.4	32.3	24.0	24.2	32.0	30.0B	30.0B	25
26	15.0B	7.60B	20.0 B	87.6	34.0	16.6	29.6	22.4	22.8	47.4	27.5B	29.0B	26
27	14.8B	7.70B	23.5 B	78.5	32.1	17.7	26.6	21.3	23.8	46.1	26.5B	28.0B	27
28	14.6B	7.80B	26.0 B	73.2	30.8	48.4	25.0	19.7	21.9	41.8	24.5B	27.0B	28
29	14.4B		70.0 B	70.4	29.7	61.0	21.8	18.6	21.2	47.0	24.0B	26.0B	29
30	14.2B		120 B	87.9	28.8	61.4	20.5	16.3	21.4	60.3	33.0B	26.0B	30
31	14.0B		230 B		28.2		21.7	17.3		48.9		24.0B	31
TOTAL	535.5	295.00	705.04	6 512.7	1 374.1	839.5	1 089.8	703.2	680.7	1 145.8	1 443.4	2 483.0	TOTAL
MEAN	17.4	10.6	22.7	217	44.3	27.7	34.5	22.7	22.7	37.0	48.1	80.1	MEAN
MAX	22.0	13.6	230	806	88.8	61.0	57.0	33.4	36.5	60.3	88.4	280	MAX
MIN	14.0	7.80	6.80	87.9	28.2	16.8	20.5	17.3	13.5	28.8	24.0	24.0	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 68.7
MAXIMUM DAILY, 806A ON APR 2
MINIMUM DAILY, 6.80B ON MAR 14
MAXIMUM INSTANTANEOUS,
837E ON APR 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 40 00 N
LONG 67 39 03 W
DRAINAGE AREA, 3 180 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	68 500	JUL	92 400
FEB	25 600	AUG	60 500
MAR	60 500	SEP	56 800
APR	563 000	OCT	99 000
MAY	118 000	NOV	125 000
JUN	71 700	DEC	215 000

TOTAL DISCHARGE, 1 540 000 dam³

RIVIERE CARAQUET AT BURNSVILLE - STATION NO. 01BL002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.23 B	0.7008	0.6408	20.1 B	7.12	2.16	1.82	0.877	0.887	1.08	1.47	8.88	1
2	1.20 B	0.7208	0.6308	21.0 B	6.48	2.02	1.37	0.840	0.781	1.78	1.28	15.4	2
3	1.18 B	0.7408	0.6208	18.7	5.83	1.89	1.32	1.07	0.746	1.48	1.27	7.89	3
4	1.13 B	0.7208	0.6008	17.5	5.37	1.81	1.33	1.48	0.883	1.52	1.17	5.77	4
5	1.10 B	0.7108	0.5308	16.3	4.91	1.83	1.41	1.21	0.862	2.25	1.36	5.11	5
6	1.07 B	0.7008	0.5308	14.0	4.68	1.97	1.28	1.04	0.800	1.85	1.43	3.48	6
7	1.03 B	0.6808	0.5108	16.2	5.20	2.15	1.17	0.825	0.821	1.83	1.24 B	2.74	7
8	1.01 B	0.6708	0.4988	15.6	5.34	2.02	1.15	0.806	0.808	1.58	1.15 B	4.07	8
9	0.8808	0.6508	0.4808	13.5	4.83	1.90	1.10	1.44	0.713	1.82	1.10	2.30	9
10	0.8508	0.6508	0.4848	13.3	4.18	1.89	1.08	1.34	0.999	1.80	1.01	2.40	10
11	0.8208	0.6408	0.4588	13.9	3.85	1.82	1.05	1.12	0.880	1.30	0.9948	2.04	11
12	0.9008	0.6308	0.4508	13.6	3.77	1.80	1.08	1.04	0.750	1.18	0.9778	2.05	12
13	0.8788	0.6208	0.4408	12.6	3.54	1.89	1.04	0.908	0.884	1.08	0.9608	2.01	13
14	0.8508	0.6108	0.4308	11.1	3.34	1.85	1.07	0.806	1.08	0.961	0.944	1.988	14
15	0.8308	0.6008	0.4208	10.2	3.24	1.74	1.10	0.881	1.30	0.934	0.9208	1.908	15
16	0.8108	0.5808	0.4158	10.7	3.43	1.68	1.08	0.878	0.874	0.885	0.8908	1.828	16
17	0.7908	0.5608	0.4108	11.4	3.22	1.85	1.01	0.845	0.883	0.889	0.9458	1.748	17
18	0.7808	0.5708	0.4058	15.3	3.17	1.47	0.992	0.785	0.838	0.843	1.02	1.688	18
19	0.7608	0.5508	0.4008	23.7	2.97	1.51	0.958	0.789	0.802	0.877	0.880	1.608	19
20	0.7508	0.5508	0.5908	20.6	2.88	1.51	0.928	0.821	0.747	0.843	0.8608	1.528	20
21	0.7408	0.5408	1.00 B	17.0	2.84	1.44	0.921	0.789	0.887	0.884	1.78	1.478	21
22	0.7208	0.5308	1.40 B	15.3	2.68	1.46	0.902	0.782	0.782	0.887	1.75	1.418	22
23	0.7008	0.5208	1.30 B	12.3	2.78	1.40	0.896	1.03	0.843	0.883	1.55 B	1.388	23
24	0.7408	0.5108	1.20 B	9.86	2.84	1.43	0.917	0.841	0.781	0.889	1.40 B	1.318	24
25	0.7308	0.5508	1.10 B	8.48	2.52	1.32	0.918	0.784	0.712	1.10	1.24	1.278	25
26	0.7808	0.5408	1.50 B	7.22	2.43	1.38	1.58	0.775	0.624	1.88	1.15 B	1.238	26
27	0.7708	0.5308	2.20 B	6.31	2.27	1.38	1.87	0.778	0.809	1.79	1.10 B	1.198	27
28	0.7608	0.5608	3.30 B	5.68	2.22	1.88	1.15	0.730	0.522	1.60	1.03 B	1.168	28
29	0.7408		6.10 B	5.75	2.18	1.85	1.05	0.687	0.579	1.85	1.15 B	1.138	29
30	0.7308		10.8 B	8.59	2.15	1.82	0.934	0.884	0.802	1.79	1.32	1.108	30
31	0.7208		17.1 B		2.23		0.944	0.858		1.55		1.078	31
TOTAL	27.328	17.180	58.801	404.07	113.99	51.32	35.123	29.185	22.837	41.108	35.860	90.85	TOTAL
MEAN	0.882	0.614	1.83	13.5	3.68	1.71	1.13	0.941	0.765	1.33	1.19	2.93	MEAN
MAX	1.23	0.740	17.1	23.7	7.12	2.16	1.87	1.84	1.30	2.25	1.75	15.4	MAX
MIN	0.700	0.510	0.400	8.75	2.15	1.26	0.896	0.686	0.522	0.843	0.880	1.07	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.83
MAXIMUM DAILY, 23.7 ON APR 19
MINIMUM DAILY, 0.400B ON MAR 18
MAXIMUM INSTANTANEOUS,
25.2 AT 23:00 AST ON APR 19

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 42 20 N
LONG 65 05 18 W
DRAINAGE AREA, 173 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 360	JUL	3 030
FEB	1 480	AUG	2 520
MAR	4 880	SEP	1 960
APR	34 900	OCT	3 550
MAY	9 850	NOV	3 070
JUN	4 430	DEC	7 850

TOTAL DISCHARGE, 79 900 dam³

SAINT JOHN RIVER AT EDMUNDSTON - STATION NO 01AD004

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	139.362	139.380	139.022	138.900	139.388	138.972	139.481	138.883	---	138.731	139.329	139.288	1
2	139.317	139.372	139.011	139.000	139.378	139.100	139.362	138.859	138.868A	138.714	139.264	139.951	2
3	139.341	139.317	138.987	139.972	139.370	138.997	139.218	138.838	138.539	138.744	139.192	139.022	3
4	139.297	139.322	138.967	139.120	139.333	138.888	139.102	138.885	138.525	138.781	139.161	139.836	4
5	139.272	139.312	138.984	138.296	139.288	138.847	139.134	138.852	138.516	138.854	139.278	139.696	5
6	139.335	139.342	138.976	137.859	139.198	138.812	139.308	138.838	138.488	138.912	139.501	139.578	6
7	139.330	139.318	138.965	137.908	139.139	138.782	139.278	138.824	138.501	139.103	139.580	139.508	7
8	139.316	139.280	138.983	138.128	139.123	138.778	139.144	138.883	138.508	139.118	139.488	139.398	8
9	139.345	139.284	138.984	138.028	139.139	138.741	139.035	138.730	138.493	139.058	139.368	139.304	9
10	139.309	139.288	138.941	137.888	139.102	138.787	138.951	138.718	138.541	138.982	139.278	139.330	10
11	139.304	139.238	138.933	137.488	139.048	138.811	138.888	138.888	138.552	138.928	139.210	139.383	11
12	139.326	139.188	138.928	137.438	139.012	138.218	138.885	138.884	138.571	138.875	139.178	139.417	12
13	139.331	139.188	138.940	137.421	138.988	138.174	138.888	138.844	138.567	138.831	139.128	139.434	13
14	139.358	139.187	138.942	137.288	138.982	138.114	138.910	138.823	138.704	138.812	139.084	139.387	14
15	139.368	139.190	138.918	137.128	139.011	138.084	138.898	138.810	138.772	138.803	139.083	139.178	15
16	139.324	139.172	138.902	136.958	138.991	138.029	138.843	138.812	138.030	138.781	139.051	139.143	16
17	139.318	139.180	138.907	136.887	138.938	137.977	138.838	138.884	137.977	138.788	138.990	139.118	17
18	139.288	139.141	138.939	136.827	138.907	138.896	138.818	138.808	138.872	138.780	139.030	139.068	18
19	139.302	139.128	138.933	136.821	138.889	138.835	138.790	138.880	138.828	138.730	139.084	139.022	19
20	139.274	139.130	138.933	136.730	138.835	138.784	138.897	138.827	138.784	138.718	139.174	139.418	20
21	139.322	139.120	138.918	136.838	138.803	138.740	138.722	138.838	138.788	138.718	139.271	139.918	21
22	139.262	139.088	138.917	136.380	138.782	138.888	138.732	138.821	138.788	138.718	139.184	139.777	22
23	139.401	139.108	138.888	136.187	138.787	138.841	138.737	138.888	138.883	138.888	139.087	139.918	23
24	139.448	139.088	138.912	136.048	138.744	138.888	138.880	138.842	138.880	138.888	139.084	139.018	24
25	139.518	139.048	138.113	135.934	138.780	138.827	138.848	138.838	138.888	138.774	139.021	139.205	25
26	139.583	139.048	138.253	138.844	138.783	138.888	138.781	138.835	138.808	138.988	139.008	139.218	26
27	139.522	139.042	138.540	138.739	138.853	138.887	138.788	138.803	138.848	139.288	138.918	139.973	27
28	139.484	139.022	138.843	138.422	138.833	138.824	138.808	138.888A	138.784	139.383	138.838	139.918	28
29	139.478		138.080A	138.548	138.803	138.482	138.787	---	138.784	139.214	138.823	139.721	29
30	139.448		138.120A	138.421	138.788	138.703	138.748	---	138.718	139.438	138.843	139.732	30
31	139.423		137.810		138.801		138.732	---		139.442		139.889	31
MEAN	139.383	139.182	138.183	137.198	138.981	138.918	138.834	---	---	138.917	139.145	139.585	MEAN
MAX	139.583	139.372	137.810	139.972	139.388	139.388	139.481	---	---	139.442	139.580	139.218	MAX
MIN	139.262	139.022	138.803	136.421	138.744	138.888	138.897	---	---	138.888	138.822	139.022	MIN

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 21 40 N
LONG 68 19 38 W

A - MANUAL GAUGE

NATURAL FLOW

DRAINAGE AREA,
15 500 km²

MAXIMUM INSTANTANEOUS,
140.238 AT 23:44 AST ON APR 2

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

NEW BRUNSWICK

SAINT JOHN RIVER AT FORT KENT - STATION NO. 01AD002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	138 B	50.48	31.78	1 770	289	200	385	90.8	38.2E	105	288	249	1
2	133 B	49.38	31.78	3 080	289	221	317	83.0	34.0E	106	258	883	2
3	127 B	47.88	31.78	2 880	289	184	253	80.4	34.0	116	236 E	555	3
4	123 B	46.48	31.78	2 240	271	155	213	81.8	32.3	123	221 E	453	4
5	120 B	45.38	31.78	1 710	253	138	247	80.4	30.8	138	209 E	379	5
6	118 B	43.98	31.78	1 480	236	131	311	83.8	29.7	161	374 E	334	6
7	112 B	43.08	31.48	1 580	233	123	283	85.2	28.2	241	337 E	282 B	7
8	106 B	41.98	31.48	1 770	232	118	225	80.7E	27.8	227	282 E	227 B	8
9	106 B	41.18	31.18	1 650	233	115	185	87.8E	30.2	208	241 E	210 B	9
10	101 B	39.98	31.18	1 390	219	131	158	83.5E	38.8	183 E	218 E	195 B	10
11	97.78	39.18	31.18	1 270	201	187	138	79.3E	45.9	184	190 E	181 B	11
12	93.48	38.58	31.18	1 280	190	286	128	73.8E	52.1	148	159 E	170 B	12
13	90.88	37.78	31.18	1 270	183	275 E	134	88.5E	58.0	138	150 E	159 B	13
14	87.88	37.18	31.18	1 180	192	253 E	138	82.3E	81.0	125	144 E	150 B	14
15	85.08	36.58	31.18	1 060	196	236 E	134	82.3E	144	117	150 E	142 B	15
16	82.18	36.08	31.48	974	182	212 E	125	56.6E	214	110	144 E	135 B	16
17	79.38	35.78	31.48	926	169	184 E	119	55.2E	161	104	123 E	127 B	17
18	76.68	35.18	31.48	917	180	183 E	106	53.8E	148	98.7	142 E	123 B	18
19	73.88	34.58	31.18	926	150	144 E	93.4	52.4E	140	95.7	183 E	119 B	19
20	70.88	34.08	31.18	881	137	130 E	83.3	51.0E	130	91.7	283 E	115 B	20
21	89.78	33.78	31.18	755	127	118 E	77.8	51.0E	117	90.6	275 E	112 B	21
22	87.48	33.48	35.78	680	118	105 E	74.8	51.0E	126	91.2	204 E	108 B	22
23	85.18	33.18	42.58	572	116	92.0E	75.3	56.8E	170	91.2	144 E	106 B	23
24	83.18	32.88	51.08	507	114	83.5E	84.8	59.5E	198	91.2	147 E	102 B	24
25	81.28	32.88	87.48	482	113	80.7E	113	53.2E	180	107	195	98.18	25
26	80.08	32.38	107 B	426	126	77.8E	116	48.4E	158	193	157	97.78	26
27	58.08	32.08	193 B	379	149	75.0E	121	45.8E	140	306	124	94.98	27
28	56.88	32.08	317 B	343	138	158 E	125	43.8E	125	297	110	92.08	28
29	54.98		447 B	311	124	280 E	119	42.5E	114	289	99.1	90.08	29
30	53.58		512 B	287	114	510 E	111	39.8E	108	348	117	87.88	30
31	52.48		1 020 B		129		101 A	37.1E		331		85.08	31
TOTAL	2 882.7	1 074.9	3 550.8	34 926	5 675	5 186.1	4 886.3	1 978.6	2 852.8	5 083.3	5 845.1	5 872.5	TOTAL
MEAN	88.5	36.4	115	1 180	183	172	158	63.8	98.4	183	188	193	MEAN
MAX	138	50.4	1 020	3 080	289	510	385	90.8	214	348	374	883	MAX
MIN	52.4	32.0	31.1	287	113	75.0	74.8	37.1	27.8	90.8	98.1	85.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 219
MAXIMUM DAILY, 3 080 ON APR 2
MINIMUM DAILY, 27.8 ON SEP 8
MAXIMUM INSTANTANEOUS,
3 230 AT 15:30 EST ON APR 2

SUMMARY FOR THE YEAR 1987

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 15 25 N
LONG 68 35 35 W
DRAINAGE AREA, 14 700 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	232 000	JUL	422 000
FEB	93 800	AUG	171 000
MAR	307 000	SEP	256 000
APR	3 020 000	OCT	437 000
MAY	490 000	NOV	514 000
JUN	445 000	DEC	516 000

TOTAL DISCHARGE, 6 900 000 dam³

SAINT JOHN RIVER AT FREDERICTON - STATION NO. 01AK003

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.776A	1.252	1.015	5.892	---	1.358	1.886	1.014	1.107	1.686	1.787	2.454	1
2	1.783A	1.330	1.313	7.238	---	1.409	1.483	1.002	1.008	1.607	1.715	3.772	2
3	1.697A	1.517	1.480	7.420	---	1.495	1.509	1.083	1.100	1.339	1.726	4.037	3
4	1.771	1.416	1.206	7.408	2.240A	1.387	1.488	1.348	1.119	1.426	1.747	3.733	4
5	1.837A	1.382	1.217	6.780	2.305	1.352	1.258	1.130	1.088	1.578	1.916	3.294	5
6	1.876	1.282	1.115	6.182	2.174	1.139	1.570	1.123	1.055	1.715	2.083	2.886	6
7	1.823	1.099	1.088	5.275	2.128	1.018	1.526	1.142	1.088	1.827	2.231	3.059	7
8	1.440	1.081	0.976	5.426	2.070	1.214	1.387	1.119	1.118	1.875	1.857	2.807	8
9	1.427A	1.136	1.088	5.218	1.905	1.275	1.541	1.088	1.188	1.841	1.808	2.631	9
10	1.454	1.170	1.455	5.869	1.808	1.329	1.631	1.179	1.261	1.884	2.017	2.850	10
11	1.212	1.244	1.136	5.733A	1.822	1.508	1.404	1.234	1.288	1.820	1.908	2.733	11
12	1.308	1.338	1.070	5.614A	2.074	1.703	1.329	1.180	1.256	1.872	1.738	2.386	12
13	1.466	1.012	0.987	5.520	1.919	1.840	1.500	1.178	1.233	1.813	1.629	2.335	13
14	1.452A	0.977	0.947	5.338	2.011	1.845	1.823	1.258	1.338	1.682	1.742	2.293	14
15	1.232	0.980	0.959	5.168	2.049	1.845	1.420	1.198	1.283	1.395	1.884	2.180	15
16	1.282	0.982	1.051	5.006	1.760	1.805	1.300	1.188	1.157	1.282	1.840	2.206	16
17	1.508	0.981	1.076	4.853	1.679	1.884	1.381	1.120	0.978	1.230	1.834	2.241	17
18	1.224	1.111	1.084	4.859	1.859	1.723	1.361	1.136	1.202	1.133	1.884	2.419	18
19	1.321	1.224	1.130	4.323	1.772	1.845	1.232	1.085	1.184	1.135	1.703	2.323	19
20	1.288	1.278	1.187	4.288	1.582	1.580	1.319	1.108	1.001	1.218	1.784	2.037	20
21	1.390	1.184	1.187	4.213	1.825	1.418	1.292	1.154	1.184	1.305	1.678	1.970	21
22	1.338	0.822	1.148	4.048	1.833	1.587	1.328	1.083	1.490	1.170	1.788	2.118	22
23	1.497	0.887	1.185	3.888	1.458	1.382	1.378	1.006	1.715	1.278	1.804	2.338	23
24	1.515	1.022	1.388	---	1.378	1.295	1.308	1.003	1.630	1.248	1.801	2.028	24
25	1.442	0.881	1.583	---	1.401	1.273	1.174	1.188	1.547	1.328	1.642	1.871	25
26	1.333	0.987	2.187	---	1.516	1.220	1.158	1.074	1.388	1.448	1.678	2.082	26
27	1.343	1.025	3.721	---	1.547	1.234	1.258	1.077	1.184	1.588	1.888	2.211	27
28	1.452	1.017	3.832	---	1.510	1.236	1.289	1.177	1.348	1.784	1.843	1.931	28
29	1.383		3.878	---	1.381	1.521	1.251	1.108	1.411	1.693	1.837	2.028	29
30	1.270		3.493	---	1.408	2.343	1.182	1.018	1.542	1.840	1.873	2.085	30
31	1.288		4.380		1.308		1.112	1.038		1.742		1.788	31
MEAN	1.438	1.138	1.534	---	---	1.488	1.374	1.122	1.249	1.487	1.800	2.485	MEAN
MAX	1.776	1.517	4.380	---	---	2.343	1.858	1.348	1.715	1.840	2.231	4.037	MAX
MIN	1.212	0.822	0.947	---	---	1.018	1.112	1.002	0.978	1.123	1.628	1.788	MIN

WATER LEVELS IN METRES

MAXIMUM INSTANTANEOUS,
7.817 AT 20 08 AST ON APR 2

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 57 54 N
LONG 66 38 42 W

A - MANUAL GAUGE

REGULATED

SAINT JOHN RIVER AT GRAND FALLS - STATION NO. 01AF002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1670	110 B	83.68	2 150	457	195	514	142E	115	177	385E	531	1
2	1598	118 B	114 B	4 220	433	288	387	151E	117	168	368E	848	2
3	1648	108 B	88.88	4 400	428	266	364	143E	82.3	150	343E	900	3
4	1658	108 B	80.88	3 830	418	228	334	148E	107	161	328E	733	4
5	1698	122 B	86.88	2 800	393	211	315	163E	140	204	373E	584	5
6	1688	112 B	73.38	2 310	388	211	378	139E	27.6	231	448E	513	6
7	1688	112 B	70.08	2 230	355	207	381	139E	30.5	273	481E	489	7
8	1758	85.48	80.28	2 380	336	210	335	114E	103	331	458E	446	8
9	1778	87.28	82.18	2 380	332	206	280	168E	104	316	405E	422	9
10	1698	107 B	70.68	2 100	328	201	239	175E	150	381	384E	425	10
11	1728	108 B	86.88	1 800	286	208	219	172	109	241	348E	433	11
12	1658	93.08	83.48	1 780	286	218	220	157	113	226	341E	442	12
13	1618	82.28	88.88	1 770	256	339	213	152	101	208	310E	486	13
14	1658	84.08	71.28	1 700	252	283	213	153	146	188E	301E	421	14
15	1598	85.98	85.58	1 580	278	301	207	143	158	183E	288E	339	15
16	1588	98.88	70.08	1 450	268	278	210	104	248	185E	284E	292	16
17	1688	89.18	73.28	1 350	260	245	210	143	277	170E	251	282	17
18	1468	101 B	84.38	1 310	228	217	210	142	188	112E	278	277	18
19	1488	82.08	87.08	1 310	227	213	210	146	189	175E	289	2188	19
20	1648	93.08	87.78	1 310	218	211	208	131	177	180E	313	2098	20
21	1318	83.38	78.08	1 180	216	143	147	143	184	140E	384	1848	21
22	1548	78.78	71.68	1 020	178	125	134	142	177	181E	341	213	22
23	1498	88.88	86.78	908	154	156	130	148	189	134E	358	216	23
24	1298	78.88	130	786	136	188	188	153	249	108E	240	228	24
25	1138	77.88	207	782	184	185	221E	148	248	111E	258	227	25
26	1208	78.08	229	678	187	148	208E	151	214	203E	238	215	26
27	1478	78.88	306	627	205	85.6	198E	146	187	321E	232	183	27
28	1258	77.58	394	571	204	181	179E	191	186	372E	208	1708	28
29	1098		577	526	148	319	171E	124	183	371E	141	1808	29
30	1248		726	470	180	611	180E	109	147	388E	200	1218	30
31	1208		1 020		185		173E	108		422E		1478	31
TOTAL	4 703	2 853.5	5 283.6	51 488	8 289	8 837.5	7 507	4 451	4 617.4	8 890	9 418	11 345	TOTAL
MEAN	152	84.8	171	1 720	268	228	242	144	154	222	314	386	MEAN
MAX	187	122	1 020	4 400	457	611	514	175	277	422	481	800	MAX
MIN	109	88.8	88.8	470	138	85.6	130	104	27.6	108	141	121	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 338
MAXIMUM DAILY, 4 400 ON APR 3
MINIMUM DAILY, 27.6 ON SEP 8
MAXIMUM INSTANTANEOUS,
4 820 AT 02:30 AST ON APR 3

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 02 24 N
LONG 67 44 30 W
DRAINAGE AREA, 21 800 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1930

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	406 000	JUL	649 000
FEB	229 000	AUG	385 000
MAR	457 000	SEP	399 000
APR	4 450 000	OCT	585 000
MAY	717 000	NOV	814 000
JUN	591 000	DEC	980 000

TOTAL DISCHARGE 10 700 000 dam³

SAINT JOHN RIVER AT HARTLAND SALMON POOL - STATION NO. 01AJ005

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	41.857	41.459	41.077	48.583	40.925	40.612	40 511	40 430	40 276	40.388	40 837	41 089	1
2	41.872	41.555	41.478	48.181	40.911	40.885	40 888	40 481	40 234	40 201	40 889	42.051	2
3	41.884	41.590	41 584	48.504	40.832	40 837	40 783	40 588	40 173	40 275	40 783	42 224	3
4	41.831	41 462	41 217	48 727	40 888	40 533	40 880	40 483	40 137	40 524	40 782	41 725	4
5	41 825	41.520	41 033	44 579	40 965	40 438	40 848	40 349	40 024	40 575	40 880	41 480	5
6	41.883	41.465	40 987	43 928	40 787	40 370	40 789	40 358	39 981	40 588	40 897	41 382	6
7	41.871	41.480	41 088	43 772	40 688	40 348	40 787	40 387	39 984	40 530	41 004	41 278	7
8	41.918	41.408	40 931	43 828	40 734	40 528	40 821	40 387	39 920	40 598	40 886	41 078	8
9	42.024	41.842	41 078	43 788	40 784	40 538	40 885	40 409	39 842	40 508	40 901	41 102	9
10	41.989	41.578	41 381	43 687	40 813	40 507	40 878	40 538	39 937	40 524	40 778	41 082	10
11	41.884	41.380	41 348	43 131	40 788	40 728	40 801	40 580	40 081	40 828	40 712	41 188	11
12	41.831	41.448	40 998	43 042	40 813	40 713	40 481	40 440	40 088	40 827	40 809	40 893	12
13	41.880	41.291	40 958	42 987	40 780	40 557	40 807	40 482	40 156	40 582	40 880	41 029	13
14	41.883	41.434	40 858	42 884	40 881	40 889	40 803	40 483	40 287	40 585	40 897	41 028	14
15	41.734	41.280	41.000	42 885	40 418	40 888	40 382	40 318	40 214	40 588	40 871	40 970	15
16	41.905	41.448	40 981	42 827	40 188	40 708	40 431	40 322	40 374	40 588	40 833	40 888	16
17	41.978	41.393	40 837	42 328	40 455	40 718	40 589	40 389	40 509	40 481	40 583	40 813	17
18	41.854	41.536	40 881	42 213	40 408	40 883	40 852	40 457	40 556	40 509	40 828	41 484	18
19	41.874	41.842	40 905	42 228	40 248	40 828	40 881	40 484	40 336	40 588	40 881	42 280	19
20	41.845	41.281	40 988	42 228	40 385	40 200	40 874	40 448	40 331	40 598	40 812	42 188	20
21	41.880	41.271	40 820	42 088	40 488	40 182	40 888	40 350	40 378	40 847	40 852	42 185	21
22	41.817	41.004	40 884	41 813	40 718	40 288	40 428	40 312	40 824	40 801	40 881	42 831	22
23	41.888	41.281	40 888	41 877	40 848	40 080	40 347	40 308	40 882	40 831	40 885	42 978	23
24	41.850	41.333	41 385	41 808	40 803	40 087	40 232	40 388	40 838	40 873	40 488	42 871	24
25	41.804	41.182	41 443	40 820	40 287	40 814	40 398	40 488	40 884	40 882	42 892	25
26	41.881	41.182	42 488	41 311	40 718	40 338	40 870	40 350	40 372	40 837	40 808	42 848	26
27	41.837	41.207	42 828	41 304	40 848	40 388	40 840	40 348	40 801	40 887	40 871	42 288	27
28	41.773	41.185	42 807	41 223	40 404	40 818	40 882	40 278	40 818	40 832	40 828	43 151	28
29	41.404		42 885	41 078	40 478	40 788	40 388	40 184	40 842	41 124	40 888	42 347	29
30	41.445		43 287	40 847	40 483	40 881	40 338	40 218	40 818	40 718	40 884	42 288	30
31	41 433		44 811		40 445		40 388	40 280		40 787		42 145	31
MEAN	41.810	41.382	41 485	42 929	40 628	40 617	40 582	40 388	40 285	40 588	40 888	41 788	MEAN
MAX	42.024	41 842	44 811	48 504	40 988	40 881	40 955	40 588	40 852	41 124	41 004	42 978	MAX
MIN	41 404	41.004	40 837	40 847	40 188	40 087	40 232	40 184	39 920	40 201	40 485	40 888	MIN

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN, 41.065
MAXIMUM DAILY, 48 504 ON APR 3
MINIMUM DAILY, 39.920 ON SEP 8
MAXIMUM INSTANTANEOUS,
47 725 AT 01:07 AST ON APR 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 17 54 N
LONG 67 31 45 W

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SAINT JOHN RIVER AT MACTAQUAC GENERATING STATION - STATION NO. 01AK003

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.643	3.106	3.088	8.051	4.544	3.889	3.356	3.184	---	4.047	4.080	4.988	1
2	3.606	3.057	4.101	9.625	4.128	3.905	3.314	3.241	---	3.328	4.071	5.286	2
3	3.445	3.062	3.206	9.599	3.546	4.047	4.020	3.486	---	3.184	3.840	5.432	3
4	3.230	3.488	3.333	9.804	4.391	3.851	3.823	4.053	---	3.782	4.134	5.718	4
5	3.389	3.878	3.185	8.403	4.857	3.928	3.174	3.341	---	3.889	4.278	5.112	5
6	3.548	3.471	3.304	7.830	4.387	3.283	4.372	3.488	---	4.200	4.815	4.802	6
7	3.477	3.301	3.102	8.041	4.318	3.128	3.941	3.485	---	4.280	4.822	5.313	7
8	3.808	3.418	3.052	8.139	4.182	3.798	3.783	3.195	---	4.250	3.819	4.877	8
9	3.600	3.551	3.858	7.828	4.108	3.780	4.148	3.204	---	4.148	4.216	4.521	9
10	3.492	3.670	3.357	7.378	3.880	3.787	4.113	3.528	---	3.417	4.298	4.819	10
11	3.578	3.985	3.323	7.184	4.395	3.977	3.188	3.503	---	3.931	4.101	4.907	11
12	3.488	3.889	3.205	7.108	4.407	4.242	3.129	3.170	---	3.781	3.813	3.989	12
13	4.058	3.719	3.028	6.943	4.055	3.839	3.781	3.189	---	3.890	3.824	4.337	13
14	3.567	3.632	2.989	6.807	4.294	3.223	3.810	3.544	---	3.818	3.985	4.509	14
15	3.436	3.494	2.987	6.630	4.182	3.917	3.325	3.342	---	3.928	3.779	4.001	15
16	3.758	3.552	3.184	6.527	3.823	3.878	3.282	3.190	3.474	3.557	4.010	3.947	16
17	3.614	3.578	2.978	6.358	3.690	3.826	3.867	3.214	3.554	3.735	4.048	3.886	17
18	3.483	3.940	3.014	6.250	4.451	4.021	3.458	3.414	4.078	3.253	3.907	4.348	18
19	3.712	3.589	3.089	6.803	3.436	4.330	3.119	3.414	3.810	3.577	4.081	3.992	19
20	3.483	4.039	3.089	6.186	3.333	3.411	3.741	3.847	3.484	3.841	4.020	3.309	20
21	3.684	3.236	3.016	5.888	---	3.157	3.872	3.708	3.918	3.822	4.032	3.581	21
22	3.771	3.088	3.011	5.853	---	3.887	3.739	3.230	4.178	3.428	3.709	4.188	22
23	3.907	3.381	3.328	5.382	3.303	3.118	3.772	3.188	4.213	3.884	4.101	4.302	23
24	3.740	3.345	3.534	4.882	3.258	3.198	3.185	3.357	4.072	3.855	3.958	3.323	24
25	3.432	3.072	3.788	4.888	3.898	3.342	3.579	3.897	3.921	3.898	3.897	3.478	25
26	3.601	3.284	4.874	4.978	4.041	3.184	3.537	3.388	3.487	3.981	3.881	4.027	26
27	3.607	3.178	4.883	4.829	3.842	3.171	3.740	3.445	3.275	4.192	3.938	3.978	27
28	3.575	3.014	4.948	4.701	3.712	3.220	3.717	3.880	3.788	4.378	3.317	3.811	28
29	3.270		4.718	4.881	3.485	4.490	3.841	3.323	3.980	4.440	3.581	3.992	29
30	3.284		5.858	4.626	3.581	4.883	3.520	3.102	4.228	4.319	4.202	3.985	30
31	3.089		8.871		3.272		3.437	---		4.008		3.449	31
MEAN	3.574	3.488	3.824	6.887	---	3.727	3.834	---	---	3.862	4.018	4.375	MEAN
MAX	4.058	4.039	8.871	9.825	---	4.883	4.372	---	---	4.440	4.822	5.432	MAX
MIN	3.089	3.014	2.987	4.626	---	3.118	3.118	---	---	3.184	3.317	3.309	MIN

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 57 24 N
LONG 66 51 53 W

REGULATED

MAXIMUM INSTANTANEOUS,
10.448 AT 15:39 AST ON APR 2

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SAINT JOHN RIVER AT MAUGERVILLE - STATION NO 01AD002

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.520	1.276	1.067	4.765	2.475	1.270	1.485	0.977	0.937	1.418	1.555	1.885	1
2	1.535	1.295	1.187	5.129	2.317	1.290	1.300	0.981	0.884	1.381	1.503	2.980	2
3	1.482	1.400	1.386	5.383	2.048	1.338	1.382	1.008	0.901	1.320	1.531	3.280	3
4	1.514	1.350	1.185	5.407	2.017	1.288	1.301	1.130	0.933	1.378	1.538	3.145	4
5	1.483	1.311	1.162	5.185	1.998	1.283	1.178	1.081	0.921	1.480	1.858	2.844	5
6	1.484	1.258	1.078	5.749	1.918	1.147	1.295	1.048	0.927	1.577	1.755	2.801	6
7	1.377	1.140	1.005	5.777	1.880	1.048	1.318	1.082	0.954	1.585	1.847	2.578	7
8	1.389	1.083	0.937	5.888	1.847	1.188	1.243	1.082	0.884	1.726	1.787	2.480	8
9	1.386	1.108	0.926	5.713	1.723	1.226	1.323	1.087	1.050	1.718	1.613	2.284	9
10	1.382	1.117	1.134	5.804	1.670	1.289	1.424	1.126	1.089	1.883	1.670	2.219	10
11	1.220	1.134	0.984	5.288	1.884	1.430	1.324	1.185	1.107	1.918	1.884	2.252	11
12	1.288	1.178	0.910	5.112	1.810	1.878	1.270	1.173	1.078	1.474	1.481	1.987	12
13	1.283	1.034	0.874	4.880	1.734	1.885	1.357	1.169	1.035	1.408	1.288	1.931	13
14	1.321	1.018	0.871	4.824	1.776	1.832	1.437	1.187	1.085	1.385	1.382	1.872	14
15	1.230	1.003	0.885	4.847	1.823	1.881	1.378	1.139	1.023	1.278	1.288	1.782	15
16	1.204	1.005	0.943	4.497	1.887	1.838	1.283	1.087	1.008	1.188	1.189	1.788	16
17	1.350	1.010	0.977	4.385	1.895	1.884	1.288	1.048	0.985	1.127	1.287	1.685	17
18	1.190	1.084	0.982	4.218	1.718	1.888	1.233	1.037	1.054	1.084	1.275	1.773	18
19	1.238	1.148	1.015	3.938	1.885	1.813	1.130	0.977	1.080	1.048	1.340	1.784	19
20	1.234	1.138	1.023	3.898	1.488	1.470	1.184	1.003	0.881	1.107	1.432	1.881	20
21	1.282	1.130	1.017	3.778	1.418	1.342	1.129	0.988	1.073	1.187	1.528	1.882	21
22	1.244	0.978	0.988	3.588	1.388	1.394	1.140	0.986	1.289	1.101	1.500	1.681	22
23	1.380	0.974	0.987	3.412	1.344	1.289	1.180	0.932	1.507	1.152	1.570	1.928	23
24	1.408	1.014	1.084	3.084	1.283	1.208	1.101	0.913	1.483	1.144	1.588	1.707	24
25	1.348	0.987	1.208	2.938	1.283	1.170	1.049	0.988	1.448	1.193	1.544	1.588	25
26	1.233	1.012	1.578	2.882	1.331	1.121	1.080	0.983	1.381	1.288	1.521	1.582	26
27	1.265	1.082	2.118	2.716	1.387	1.108	1.087	0.958	1.210	1.384	1.508	1.713	27
28	1.336	1.082	2.382	2.882	1.351	1.132	1.112	1.001	1.271	1.508	1.383	1.588	28
29	1.311		2.510	2.814	1.284	1.300	1.108	0.978	1.288	1.617	1.321	1.550	29
30	1.287		2.603	2.538	1.278	1.803	1.082	0.914	1.383	1.688	1.452	1.582	30
31	1.280		2.611		1.224		1.041	0.914		1.554		1.442	31
MEAN	1.334	1.117	1.315	4.482	1.858	1.384	1.232	1.035	1.110	1.370	1.483	2.017	MEAN
MAX	1.535	1.400	2.611	5.407	2.475	1.803	1.485	1.187	1.507	1.726	1.847	3.280	MAX
MIN	1.190	0.974	0.871	2.538	1.224	1.048	1.041	0.913	0.884	1.048	1.189	1.442	MIN

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN 1.535
MAXIMUM DAILY 5.407 ON APR 4
MINIMUM DAILY 0.871 ON MAR 14
MAXIMUM INSTANTANEOUS
5.440 AT 2: 21 AST ON APR 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 51 56 N
LONG 66 27 40 W

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SAINT JOHN RIVER AT OAK POINT - STATION NO. 01AP003

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.305	1.201	0.974	2.287	2.118	1.058	1.220	0.948	0.805	1.158	1.283	1.374	1
2	1.322	1.182	1.043	2.834	1.998	1.058	1.142	0.895	0.801	1.205	1.280	1.778	2
3	1.348	1.181	1.088	3.388	1.828	1.038	1.107	0.858	0.784	1.181	1.310	2.038	3
4	1.282	1.153	1.057	3.883	1.832	1.011	1.088	0.817	0.803	1.204	1.335	2.188	4
5	1.248	1.077	0.981	4.187	1.830	0.987	1.073	0.888	0.822	1.288	1.404	2.171	5
6	1.184	1.008	0.908	4.318	1.482	1.005	1.010	0.884	0.832	1.339	1.484	2.102	6
7	1.170	0.986	0.828	4.324	1.451	0.974	1.052	0.847	0.877	1.400	1.481	1.980	7
8	1.139	0.928	0.788	4.350	1.443	0.972	1.057	0.871	0.831	1.478	1.448	1.917	8
9	1.085	0.913	0.771	4.304	1.387	1.052	1.078	1.018	0.883	1.457	1.375	1.808	9
10	1.050	0.912	0.764	4.199	1.390	1.128	1.157	1.051	1.047	1.417	1.359	1.741	10
11	1.048	0.888	0.748	4.051	1.378	1.227	1.197	1.118	1.048	1.337	1.304	1.667	11
12	1.046	0.838	0.738	3.931	1.398	1.281	1.178	1.150	1.000	1.288	1.279	1.668	12
13	1.018	0.886	0.751	3.814	1.458	1.287	1.188	1.120	0.941	1.248	1.185	1.512	13
14	1.031	0.893	0.785	3.739	1.413	1.418	1.238	1.071	0.942	1.185	1.113	1.477	14
15	1.032	0.891	0.826	3.836	1.459	1.395	1.284	1.040	0.941	1.082	1.078	1.418	15
16	1.026	0.888	0.888	3.925	1.494	1.417	1.218	1.018	0.901	1.017	1.003	1.450A	16
17	1.011	0.893	0.910	3.439	1.457	1.390	1.181	0.977	0.878	0.951	0.986	1.450E	17
18	1.008	0.895	0.925	3.303	1.422	1.388	1.120	0.838	0.888	0.948	1.043	1.370A	18
19	1.032	0.917	0.953	3.183	1.428	1.319	1.088	0.798	0.885	0.944	1.115	1.350E	19
20	1.052	0.887	0.942	2.881	1.308	1.338	0.998	0.770	0.872	0.958	1.220	1.380A	20
21	1.045	0.880	0.933	2.880	1.228	1.242	0.981	0.770	0.912	1.000	1.338	1.280	21
22	1.021	0.880	0.905	2.755	1.188	1.188	0.958	0.815	1.047	1.050	1.384	1.372	22
23	1.124	0.844	0.879	2.853	1.181	1.172	0.941	0.894	1.188	1.020	1.388	1.415	23
24	1.094	0.863	0.881	2.848	1.134	1.111	0.987	0.882	1.244	1.019	1.388	1.432	24
25	4.028	0.885	0.913	2.424	1.117	1.082	0.942	0.858	1.278	1.018	1.353	1.372	25
26	1.010	0.900	0.978	2.353	1.109	1.024	0.951	0.848	1.240	1.078	1.304	1.313	26
27	1.084	0.937	1.148	2.280	1.117	1.013	0.988	0.887	1.181	1.112	1.282	1.312	27
28	1.107	0.988	1.348	2.207	1.120	1.013	0.988	0.872	1.104	1.185	1.237	1.280	28
29	1.184		1.520	2.187	1.138	1.042	0.988	0.870	1.073	1.287	1.172	1.213	29
30	1.182		1.678	2.186	1.100	1.124	0.984	0.891	1.077	1.318	1.152	1.198	30
31	1.202		1.905		1.101		0.973	0.850		1.320		1.148	31
MEAN	1.111	0.945	0.992	3.288	1.386	1.152	1.072	0.932	0.978	1.178	1.288	1.551	MEAN
MAX	1.348	1.201	1.905	4.350	2.118	1.418	1.284	1.150	1.278	1.497	1.481	2.171	MAX
MIN	1.005	0.838	0.738	2.186	1.100	0.972	0.961	0.770	0.784	0.944	0.986	1.148	MIN

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN, 1.319
MAXIMUM DAILY, 4.350 ON APR 8
MINIMUM DAILY, 0.738 ON MAR 12
MAXIMUM INSTANTANEOUS,
4.402 AT 09:54 AST ON APR 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 31 11 N
LONG 66 04 44 W

A - MANUAL GAUGE
E - ESTIMATED
REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SAINT JOHN RIVER AT SAINT JOHN - STATION NO. 01AP005

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.276	1.156	0.919	2.118	2.030	1.048	1.170	0.918	0.774	1.144	1.282	1.438	1
2	1.307	1.100	0.988	2.678	1.932	1.033	1.107	0.885	0.801	1.172	1.253	1.773	2
3	1.333	1.094	1.035	3.204	1.787	0.990	1.078	0.832	0.785	1.153	1.284	1.983	3
4	1.268	1.089	0.985	3.628	1.804	0.970	1.068	0.878	0.810	1.184	1.289	2.108	4
5	1.224	1.001	0.908	3.973	1.498	0.951	1.070	0.970	0.787	1.241	1.370	2.149	5
6	1.167	0.915	0.824	4.141	1.447	0.978	0.985	0.941	0.829	1.313	1.440	2.074	6
7	1.148	0.875	0.744	4.184	1.408	0.947	1.002	0.923	0.886	1.385	1.410	1.971	7
8	1.118	0.855	0.722	4.181	1.407	0.940	1.028	0.938	0.914	1.430	1.374	1.885	8
9	1.085	0.835	0.886	4.150	1.381	1.045	1.047	0.978	0.985	1.441	1.330	1.785	9
10	1.068	0.832	0.877	4.042	1.345	1.135	1.133	1.043	1.071	1.377	1.308	1.728	10
11	1.038	0.774	0.864	3.902	1.338	1.177	1.177	1.106	1.048	1.282	1.287	1.724	11
12	1.023	0.742	0.856	3.783	1.345	1.243	1.159	1.121	0.986	1.286	1.325	1.698	12
13	0.993	0.808	0.890	3.714	1.412	1.333	1.152	1.073	0.933	1.203	1.161	1.651	13
14	0.987	0.817	0.732	3.628	1.327	1.380	1.208	1.036	0.928	1.108	1.078	1.488	14
15	0.987	0.807	0.780	3.518	1.388	1.340	1.280	1.013	0.918	1.023	1.046	1.389	15
16	0.987	0.823	0.836	3.424	1.480	1.384	1.227	0.973	0.874	0.988	0.987	1.431	16
17	0.958	0.825	0.878	3.328	1.414	1.383	1.185	0.918	0.887	0.911	0.959	1.428	17
18	0.951	0.840	0.887	3.202	1.378	1.318	1.081	0.887	0.884	0.906	0.985	1.347	18
19	0.987	0.849	0.920	3.083	1.378	1.270	1.088	0.888	0.889	0.913	1.102	1.328	19
20	1.014	0.817	0.909	2.880	1.278	1.301	0.978	0.830	0.882	0.938	1.209	1.384	20
21	0.990	0.804	0.905	2.767	1.184	1.201	0.947	0.858	0.938	0.981	1.339	1.388	21
22	0.988	0.783	0.888	2.678	1.137	1.138	0.928	0.818	1.028	1.048	1.387	1.351	22
23	1.078	0.773	0.848	2.880	1.170	1.137	0.927	0.848	1.122	1.004	1.348	1.408	23
24	1.040	0.780	0.843	2.488	1.118	1.084	0.898	0.834	1.223	1.004	1.333	1.430	24
25	0.983	0.805	0.857	2.357	1.071	1.055	0.913	0.818	1.241	0.987	1.331	1.388	25
26	0.968	0.831	0.921	2.277	1.083	0.982	0.900	0.884	1.187	1.052	1.321	1.333	26
27	1.012	0.858	1.094	2.198	1.058	0.954	0.913	0.838	1.158	1.080	1.288	1.308	27
28	1.171	0.895	1.271	2.141	1.078	0.985	0.938	0.840	1.071	1.135	1.222	1.288	28
29	1.097		1.431	2.162	1.101	0.974	0.938	0.873	1.035	1.233	1.147	1.220	29
30	1.108		1.553	2.110	1.051	1.052	0.915	0.848	1.028	1.270	1.170	1.221	30
31	1.170		1.765		1.029		0.934	0.780		1.281		1.149	31
MEAN	1.078	0.871	0.930	3.147	1.340	1.133	1.042	0.918	0.992	1.142	1.243	1.548	MEAN
MAX	1.333	1.156	1.765	4.191	2.030	1.384	1.280	1.121	1.241	1.441	1.440	2.149	MAX
MIN	0.951	0.742	0.856	2.110	1.029	0.940	0.898	0.780	0.774	0.906	0.959	1.149	MIN

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN, 1.278
MAXIMUM DAILY, 4.191 ON APR 8
MINIMUM DAILY, 0.856 ON MAR 12
MAXIMUM INSTANTANEOUS,
4.284 AT 08 39 AST ON APR 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 16 27 N
LONG 66 05 21 W

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

NEW BRUNSWICK

SAINT JOHN RIVER AT SIMONDS - STATION NO. 01AJ003

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	43.628	---	42.784	47.104	43.244	42.500	42.809	42.320	42.133	42.441	42.838	43.218	1
2	43.820	---	43.301	47.929	43.174	42.815	42.793	42.185	42.112	42.137	43.003	44.288	2
3	43.984	---	43.281	48.108	42.783	42.823	42.685	42.342	42.126	42.158	42.789	44.485	3
4	43.870	---	42.988	47.508	42.988	42.574	42.522	42.283	42.276	42.541	42.827	44.047	4
5	43.674	---	42.732	46.844	43.014	42.504	42.590	42.272	42.015	42.553	43.134	43.788	5
6	43.801	---	42.718	46.074	43.880	42.281	42.858	42.314	41.940	42.559	43.185	43.587	6
7	43.905	---	42.780	46.824	43.828	42.233	42.883	42.295	41.909	42.880	43.283	43.529	7
8	43.829	---	42.837	46.008	43.861	42.532	42.877	42.132	41.807	42.861	42.858	43.408	8
9	43.935	---	42.823	45.877	43.908	42.448	42.816	42.179	41.919	42.772	43.030	---	9
10	43.885	---	43.138	45.885	42.823	42.859	42.416	42.348	42.008	42.720	42.965	---	10
11	43.747	---	43.032	46.333	42.807	42.652	41.874	42.388	42.130	42.649	42.845	---	11
12	43.727	---	42.787	46.240	42.940	42.729	42.011	42.145	42.142	42.608	42.739	---	12
13	43.847	---	42.737	46.174	43.818	42.543	42.356	42.222	42.087	42.515	42.724	---	13
14	43.838	---	42.678	46.074	42.776	42.245	42.499	42.388	42.386	42.514	42.717	---	14
15	43.577	---	42.780	44.902	42.854	42.606	42.366	41.978	42.123	42.588	42.675	42.929	15
16	---	---	42.868	44.780	42.307	42.681	42.339	42.077	42.388	42.414	42.573	42.868	16
17	---	---	42.649	44.807	42.849	42.512	42.473	42.083	42.593	42.188	42.840	43.886	17
18	---	---	42.880	44.511	43.850	42.782	42.331	42.340	42.480	42.285	42.525	42.820	18
19	---	---	42.822	44.513	42.845	42.455	42.282	42.184	42.385	42.280	42.812	43.031	19
20	---	---	42.883	44.485	42.535	42.094	42.448	42.218	42.275	42.398	42.737	43.324	20
21	---	---	42.807	44.353	42.567	42.315	42.186	42.208	42.407	42.387	42.823	43.828	21
22	---	---	42.834	44.198	42.725	42.152	42.188	42.110	42.721	42.384	42.726	44.118	22
23	---	---	42.818	43.918	42.228	41.948	42.147	42.114	42.743	42.351	42.825	44.278	23
24	---	---	43.111	43.804	42.181	42.278	43.234	42.222	42.728	42.333	42.627	44.231	24
25	---	42.849	43.204	43.690	42.284	42.271	42.741	42.330	42.483	42.244	42.801	43.915	25
26	---	42.878	44.311	43.572	42.801	42.183	42.420	42.018	42.270	42.551	42.856	43.709	26
27	---	42.925	44.370	43.535	42.442	42.367	42.238	42.308	42.427	42.928	42.838	44.037	27
28	---	42.861	44.373	43.480	42.358	42.815	42.260	42.104	42.521	42.942	42.260	44.188	28
29	---		44.781	43.361	42.904	43.213	42.248	42.084	42.596	43.207	42.238	44.242	29
30	---		45.158	43.084	42.371	43.239	42.187	41.981	42.452	42.743	42.883	44.030	30
31	---		46.710		42.185		42.333	42.000		43.016		43.896	31
MEAN	---	---	43.237	45.084	42.888	42.493	42.432	42.186	42.284	42.551	42.762	---	MEAN
MAX	---	---	46.710	48.108	43.244	43.239	42.909	42.388	42.743	43.207	43.283	---	MAX
MIN	---	---	42.549	43.084	42.181	41.948	41.874	41.981	41.807	42.137	42.238	---	MIN

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 20 15 N
LONG 67 33 19 W

MAXIMUM DAILY, 46.108 ON APR 3
MINIMUM DAILY, 41.807 ON SEP 8
MAXIMUM INSTANTANEOUS
46.284 AT 21:23 AST ON MAR 31

REGULATED

DRAINAGE AREA,
35 000 km²

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SAINT JOHN RIVER AT THE FALLS AT GRAND FALLS - STATION NO 01AF003

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	101.810	---	105.344	---	1
2	---	---	---	---	---	---	---	---	101.828	---	105.800	---	2
3	---	---	---	---	---	103.905	---	---	101.580	---	105.433	---	3
4	---	---	---	---	---	102.598	---	---	101.506	---	105.282	---	4
5	---	---	---	---	---	101.723	---	---	101.582	---	106.336	---	5
6	---	---	---	---	---	102.130	---	---	101.583	---	107.150	---	6
7	---	---	---	---	---	102.061	---	---	101.588	---	107.459	---	7
8	---	---	---	---	---	---	---	---	101.589	---	107.106	---	8
9	---	---	---	---	---	---	---	---	101.817	---	106.818	---	9
10	---	---	---	---	---	---	---	---	101.819	---	106.147	---	10
11	---	---	---	---	---	---	---	103.038	101.815	---	105.821	---	11
12	---	---	---	---	---	---	---	102.174	101.748	---	105.617	---	12
13	---	---	---	---	---	---	---	101.858	101.884	---	105.233	---	13
14	---	---	---	---	---	---	---	101.728	101.811	101.783	104.939	---	14
15	---	---	---	---	---	---	101.955	101.875	102.152	101.774	104.706	---	15
16	---	---	---	---	---	---	101.958	101.780	105.188	101.747	104.132	104.401	16
17	---	---	---	---	---	---	101.930	102.111	104.784	101.731	103.808	104.830	17
18	---	---	---	---	---	---	101.905	101.942	---	101.733	104.381	104.340	18
19	---	---	---	---	---	---	101.672	101.798	---	101.728	104.695	103.432	19
20	---	---	---	---	---	---	101.747	101.733	---	101.705	104.939	---	20
21	---	---	---	---	---	---	101.528	101.798	---	101.708	105.715	---	21
22	---	---	---	---	---	---	101.488	101.737	---	101.818	105.391	---	22
23	---	---	---	---	---	---	101.477	101.630	---	101.807	103.884	---	23
24	---	---	---	---	---	---	101.988	101.678	---	101.781	103.292	---	24
25	---	---	---	---	---	---	---	101.788	---	101.825	103.748	---	25
26	---	---	---	---	---	---	---	101.718	---	102.135	---	---	26
27	---	---	---	---	---	---	---	101.683	---	165.242	---	---	27
28	---	---	---	---	---	---	---	101.858	---	108.238	---	---	28
29	---		---	---	---	---	---	101.828	---	108.302	---	---	29
30	---		---	---	---	---	---	101.814	---	108.277	---	---	30
31	---		---		---		---	101.810		108.099		---	31
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 03 05 N
LONG 67 44 19 W

REGULATED

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

SAINT JOHN RIVER BELOW MACTAQUAC - STATION NO. 01AK004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3210	90.78	111 B	5 270	838	372	189	124	215	509	805	1 150	1
2	2508	287 B	516 B	9 120	888	488	482	188	188	183	880	2 280	2
3	2288	278 B	111 B	8 830	288	539	511	220	340	114	403	2 480	3
4	3248	217 B	188 B	8 880	714	471	393	811	282	358	883	1 710	4
5	2148	288 B	118 B	6 870	811	483	118	188	201	388	888	1 178	5
6	2718	188 B	142 B	4 780	732	181	887	231	118	588	932	930	6
7	2288	184 B	85.88 B	5 400	895	107	448	230	108	831	889	1 280	7
8	4188	187 B	82.88 B	5 840	880	387	400	124	103	831	402	858	8
9	3898	285 B	378 B	5 000	858	373	871	127	118	557	813	788	9
10	2898	287 B	177 B	4 240	388	377	908	288	188	188	837	830	10
11	2888	389 B	180 B	3 780	882	484	118	288	114	471	828	1 010	11
12	2248	208 B	128 B	3 880	788	831	103	114	110	380	483	491	12
13	4848	137 B	88.08 B	3 400	844	401	419	130	101	427	408	895	13
14	2728	128 B	85.4 B	3 140	888	138	435	288	288	378	508	772	14
15	2108	103 B	77.6 B	2 840	898	478	188	188	188	428	388	508	15
16	4108	128 B	138 B	2 700	310	433	148	113	241	288	481	432	16
17	2708	181 B	78.7 B	2 480	282	488	281	128	287	344	498	487	17
18	2128	328 B	88.8 B	2 280	788	538	258	232	522	143	427	848	18
19	3308	201 B	88.8 B	1 880	238	888	97.2	207	280	277	852	488	19
20	2208	380 B	100	2 210	188	187	377	281	237	308	818	180	20
21	2878	104 B	88.8 B	1 820	204	112	324	353	447	388	508	283	21
22	3478	81.38 B	81.2 B	1 820	380	484	348	121	881	208	358	837	22
23	4008	188 B	188	1 480	178	102	405	122	808	388	488	832	23
24	3388	180 B	288	817	188	124	128	184	827	272	422	187	24
25	1818	93.48	378	1 140	281	148	228	348	488	348	317	232	25
26	3898	148 B	885	1 110	528	100	183	172	234	478	473	530	28
27	2868	111 B	1 080	1 010	488	113	383	207	180	888	484	483	27
28	2878	78.78	1 120	932	387	137	328	380	380	734	178	308	28
29	1748		818	824	248	788	271	138	438	717	284	481	29
30	1488		1 740	884	304	1 380	258	88.7	582	881	843	881	30
31	1038		2 780		188		214	138		488		280	31
TOTAL	8 885	5 322.1	12 535.1	104 057	14 822	11 834	9 738.2	8 418.7	8 843	12 784	15 113	23 881	TOTAL
MEAN	280	190	404	3 470	488	384	314	207	285	412	504	783	MEAN
MAX	484	288	2 780	9 120	811	1 380	887	811	808	734	932	2 480	MAX
MIN	103	78.7	77.6	884	188	100	97.2	88.7	101	114	175	180	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 838
MAXIMUM DAILY, 9 120 ON APR 2
MINIMUM DAILY, 77.6 ON MAR 15
MAXIMUM INSTANTANEOUS,
9 850 AT 18:59 AST ON APR 2

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 57 44 N
LONG 66 49 51 W
DRAINAGE AREA, 39 900 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	751 000	JUL	841 000
FEB	480 000	AUG	554 000
MAR	1 080 000	SEP	738 000
APR	8 990 000	OCT	1 100 000
MAY	1 280 000	NOV	1 310 000
JUN	997 000	DEC	2 040 000

TOTAL DISCHARGE, 20 100 000 dam³

SAINT JOHN RIVER NEAR EAST FLORENCEVILLE - STATION NO 01AJ001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2748	193 B	128 B	3 850	748	389	838	288	185	278	498	880E	1
2	2788	244 B	365 B	6 840	884	397	598	198	174	182	857	1 800E	2
3	3398	224 B	138 B	6 850	802	380	467	223	187	198	488	1 730E	3
4	2098	195 B	129 B	5 800	807	378	328	295	248	378	458	1 330E	4
5	2518	220 B	103 B	4 880	828	318	384	188	123	384	838	1 040E	5
6	2788	182 B	132 B	3 800	487	222	428	287	117	383	885	970E	6
7	2588	172 B	90.88 B	3 800	804	228	804	230	95.8	447	750	888E	7
8	3888	204 B	118 B	3 720	803	357	548	184	78.8	804	483	788E	8
9	2848	271 B	184 B	3 880	842	307	480	187	108	434	881	772E	9
10	3128	148 B	152 B	3 230	483	428	351	283	178	428	870	720E	10
11	2308	177 B	131 B	2 780	448	412	120	258	182	388	472	881E	11
12	3088	182 B	111 B	2 870	884	431	93.8	204	201	377	451	801E	12
13	3428	184 B	107 B	2 880	478	388	278	228	148	338	488	858E	13
14	2538	188 B	81.48 B	2 480	488	255	333	278	282	320	421	823E	14
15	2538	153 B	134 B	2 240	378	381	282	110	209	428	408	401E	15
16	3008	208 B	100 B	2 070	271	385	244	184	280	245	373	437	16
17	2478	180 B	85.28 B	1 910	388	388	212	185	404	328	383	484	17
18	2878	233 B	108 B	1 820	382	444	283	281	288	207	353	481	18
19	2418	188 B	87.18 B	1 830	328	408	227	188	280	334	478	4078	19
20	2808	188 B	104 B	1 800	328	183	330	197	218	287	480	3048	20
21	2728	88.78	84.88 B	1 870	288	182	207	208	324	278	508	3188	21
22	2838	113 B	88.38 B	1 480	422	270	188	187	412	288	488	4508	22
23	3118	178 B	138 B	1 210	178	138	178	180	814	278	384	3878	23
24	2858	128 B	187 B	1 120	178	183	248	188	438	280	314	4138	24
25	2208	111 B	388 B	1 040	288	208	448	241	321	217	384	4318	28
28	1108	140 B	880 B	838	372	202	332	148	232	458	488	3818	28
27	2878	127 B	828 B	823	288	220	247	238	302	881	412	2778	27
28	1058	108 B	871 B	872	288	288	218	182	337	878	284	3848	28
28	2008		841 B	775	344	478	218	184	374	871	2188	3908	28
30	2088		1 040 B	831	282	741	218	185	318	418	8348	3878	30
31	1828		1 710 B		178		248	138		814		3018	31
TOTAL	7 883	4 848.7	8 888.4	78 437	12 840	8 894	8 827.8	8 318	7 488.4	11 188	13 807	18 828	TOTAL
MEAN	284	173	280	2 810	417	330	317	204	250	381	480	833	MEAN
MAX	388	271	1 710	8 850	748	741	824	288	814	871	758	1 730	MAX
MIN	108	88.7	85.2	831	178	128	83.8	108	78.8	182	284	277	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 823
MAXIMUM DAILY, 8 850 ON APR 3
MINIMUM DAILY, 78.8 ON SEP 8
MAXIMUM INSTANTANEOUS,
8 880 AT 12:02 AST ON APR 2

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 28 12 N
LONG 67 35 23 W
DRAINAGE AREA, 34 300 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	880 000	JUL	848 000
FEB	418 000	AUG	548 000
MAR	748 000	SEP	847 000
APR	8 780 000	OCT	988 000
MAY	1 120 000	NOV	1 180 000
JUN	855 000	DEC	1 700 000

TOTAL DISCHARGE, 18 800 000 dam³

SALMON RIVER AT CASTAWAY - STATION NO. 01AN002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.008	3.828	3.808	130 B	49.8	9.80	8.24	2.34	1.90	5.30	13.9	82.1	1
2	8.808	3.788	3.658	205 B	48.8	8.44	5.73	2.23	1.83	23.0	11.8	104	2
3	8.308	3.748	3.508	207	38.3	7.02	5.88	2.18	1.48	23.8	10.4	85.1	3
4	7.908	3.708	3.458	210	30.8	6.13	5.07	2.27	1.48	20.6	9.98	64.5	4
5	7.508	3.688	2.418	201	25.8	5.77	4.72	2.38	1.47	27.0	13.5	34.3	5
6	7.308	3.828	2.388	173	24.8	5.71	4.37	1.98	1.48	21.2	14.4	27.7	6
7	7.008	3.888	2.388	167	27.8	12.7	4.00	1.85	1.49	15.9	12.5	23.8	7
8	6.708	3.548	2.328	162	26.1	13.8	3.80	1.83	1.44	13.8	10.2	20.8	8
9	6.458	3.498	2.298	114	21.8	15.6	3.38	1.88	2.50	14.1	10.1	17.9 B	9
10	6.208	3.458	2.268	91.7	18.8	31.2	3.10	1.81	8.25	12.2	11.9	16.0 B	10
11	8.008	3.408	2.228	97.3	18.5	39.2	2.85	2.00	5.49	10.4	11.5	14.1 B	11
12	5.808	3.358	2.188	105	15.1	29.0	3.03	2.24	4.84	8.80	10.7	12.7 B	12
13	5.808	3.308	2.168	89.1	14.5 A	26.4	2.92	2.15	3.73	7.80	9.94	11.2 B	13
14	5.408	3.258	2.138	75.1	13.8 E	21.8	2.81	1.85	4.44	6.93	10.8	10.5 B	14
15	5.258	3.208	2.108	65.5	13.5 E	19.8	2.83	1.77	8.53	6.50	10.6	9.82	15
16	5.108	3.158	2.088	61.6	20.5 E	18.2	2.74	1.93	5.95	6.24	9.08	11.6 B	16
17	4.958	3.118	2.058	58.3	16.2 E	13.8	2.70	2.18	5.80	5.85	9.71	11.3 B	17
18	4.808	3.088	2.038	63.0	13.3 E	11.1	3.87	2.02	4.78	5.35	13.7	11.0 B	18
19	4.638	3.048	2.188	73.8	11.6 E	9.87	2.45	1.83	3.95	5.33	18.6	10.7 B	19
20	4.578	3.008	2.288	70.2	10.7 E	10.3	2.33	1.70	3.46	5.38	17.7	10.3 B	20
21	4.488	2.988	2.288	57.6	10.0 E	8.56	2.38	1.58	3.71	5.10	42.1	10.0 B	21
22	4.388	2.928	3.008	51.0	9.50E	7.11	2.30	1.53	11.7	5.04	40.5	9.808	22
23	4.308	2.888	4.008	43.7	10.3 E	8.34	2.28	1.80	18.4	5.08	28.0	9.808	23
24	4.248	2.848	5.808	36.8	9.00E	8.11	2.80	1.84	16.7	4.85	21.8	9.308	24
25	4.188	2.808	7.708	34.5	8.00E	5.89	2.85	1.47	12.0	5.18	19.0	9.108	25
26	4.128	2.788	11.0 B	28.5	7.30A	5.19	2.87	1.50	8.84	10.2	17.0	8.908	26
27	4.048	2.708	18.5 B	26.2	8.58	5.08	3.67	1.57	7.08	10.7	14.8	8.708	27
28	3.978	2.658	26.0 B	23.0	8.27	9.25	3.24	1.45	5.84	9.33	11.8	8.508	28
29	3.928		39.0 B	22.4	8.40	13.1	2.87	1.48	4.87	16.3	10.1	8.308	29
30	3.888		56.0 B	34.3	8.11	8.52	2.37	1.72	4.45	21.6	12.6	8.108	30
31	3.858		80.0 B		7.48		2.33	1.72		17.2		8.008	31
TOTAL	172.31	80.77	295.98	2 797.8	543.52	392.79	106.78	57.95	170.99	355.92	458.57	827.72	TOTAL
MEAN	5.56	3.24	9.55	93.3	17.5	13.1	3.44	1.87	5.70	11.5	15.3	30.2	MEAN
MAX	9.00	3.82	80.0	210	49.8	39.2	8.24	2.38	19.4	27.0	42.1	104	MAX
MIN	3.85	2.85	2.08	22.0	5.11	5.08	2.28	1.45	1.44	4.85	9.08	8.00	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 16.8
MAXIMUM DAILY, 210 ON APR 4
MINIMUM DAILY, 1.44 ON SEP 8
MAXIMUM INSTANTANEOUS,
268 AT 17:29 AST ON APR 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 17 28 N
LONG 65 43 24 W
DRAINAGE AREA, 1 050 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	14 900	JUL	9 230
FEB	7 840	AUG	5 010
MAR	25 500	SEP	14 800
APR	242 000	OCT	30 800
MAY	47 000	NOV	39 800
JUN	33 900	DEC	94 200

TOTAL DISCHARGE, 525 000 dam³

SHOGOMOC STREAM NEAR TRANS CANADA HIGHWAY - STATION NO 01AK001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.708	1.13 B	0.7728	28.7	5.60	2.61	4.25	0.888	0.155	3.18	3.53	12.2	1
2	1.678	1.12 B	0.7888	41.5	5.78	2.87	3.40	0.819	0.181	3.12	3.32	18.6	2
3	1.648	1.11 B	0.7508	40.6	5.70	2.78	2.70	0.807	0.142	3.07	3.01	19.0	3
4	1.618	1.11 B	0.7408	37.7	5.25	2.45	2.30	0.674	0.120	3.31	2.87	15.5	4
5	1.588	1.10 B	0.7308	34.8	4.80	2.36	1.94	0.591	0.112	3.44	2.98	12.6	5
6	1.558	1.08 B	0.7208	32.1	4.80	2.28	1.85	0.514	0.108	3.18	2.75	10.2	6
7	1.528	1.06 B	0.7108	34.3	5.58	2.18	1.85	0.503	0.104	2.93	2.81	8.34	7
8	1.508	1.07 B	0.7038	35.5	5.80	2.07	1.43	0.524	0.104	3.72	2.44	7.84	8
9	1.498	1.06 B	0.6988	32.6	5.87	2.31	1.33	0.482	0.212	4.13	2.37	7.04	9
10	1.478	1.05 B	0.6888	27.5	5.19	4.54	1.42	0.488	0.318	4.03	2.34	6.27	10
11	1.458	1.04 B	0.6818	24.5	4.57	5.48	1.27	0.432	0.272	3.88	2.31	5.88	11
12	1.438	1.03 B	0.6788	22.6	4.08	6.11	1.17	0.402	0.278	3.63	2.17	5.77	12
13	1.418	1.02 B	0.6708	21.1	3.67	5.88	1.18	0.377	0.321	3.28	2.02	5.38	13
14	1.398	1.00 B	0.6848	19.1	3.32	5.28	1.12	0.381	0.474	2.98	2.18	4.81	14
15	1.378	0.9808	0.6868	17.0	3.21	4.80	1.26	0.343	0.884	2.73	1.98	4.808	15
16	1.368	0.9608	0.6788	15.0	3.87	4.07	1.34	0.348	0.488	2.67	1.80	4.388	16
17	1.348	0.9408	0.6808	13.4	3.47	3.37	1.15	0.341	0.878	2.24	1.84	4.088	17
18	1.328	0.9208	0.6678	12.3	3.21	2.79	1.05	0.348	0.670	2.13	1.93	3.908	18
19	1.318	0.9008	0.6548	11.7	2.95	2.48	0.958	0.323	0.537	2.08	2.24	3.858	19
20	1.298	0.8858	0.7208	10.8	2.88	2.21	0.884	0.302	0.538	1.93	3.51	3.408	20
21	1.278	0.8708	0.7808	10.3	2.68	1.78	0.785	0.281	2.20	1.78	3.82	3.338	21
22	1.268	0.8558	0.8808	9.31	2.18	1.80	0.800	0.244	4.46	1.75	3.12	3.208	22
23	1.248	0.8408	0.8808	8.38	2.00	1.50	0.711	0.230	5.31	1.85	2.80	3.008	23
24	1.228	0.8268	1.358	7.73	2.03	1.38	0.688	0.200	5.78	1.87	2.28	2.838	24
25	1.218	0.8208	1.388	7.08	1.93	1.28	0.691	0.180	5.38	1.87	2.28	2.978	25
26	1.188	0.8108	2.808	8.37	1.78	1.13	0.668	0.177	4.88	2.33	2.32	2.928	26
27	1.188	0.8008	3.808	9.87	1.71	1.11	0.884	0.182	3.86	2.48	2.28	2.478	27
28	1.178	0.7908	5.008	9.15	1.81	3.38	0.885	0.153	3.23	2.59	2.128	2.378	28
29	1.168		8.008	8.83	1.84	4.28	0.819	0.158	2.82	3.45	2.258	2.308	29
30	1.158		11.0 B	8.34	1.85	4.70	0.762	0.178	2.48	3.74	2.328	2.258	30
31	1.148		18.0 B		1.80		0.730	0.182		3.73		2.208	31
TOTAL	42.59	27.308	87.887	582.65	109.87	80.78	41.755	11.370	46.818	88.48	75.77	193.84	TOTAL
MEAN	1.37	0.972	2.19	19.4	3.54	2.03	1.35	0.367	1.85	2.85	2.53	8.31	MEAN
MAX	1.70	1.13	18.0	41.5	5.80	6.11	4.25	0.888	5.78	4.13	3.82	19.0	MAX
MIN	1.14	0.790	0.884	4.83	1.85	1.11	0.688	0.153	0.104	1.85	1.84	2.20	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.77
MAXIMUM DAILY, 41.5 ON APR 2
MINIMUM DAILY, 0.104 ON SEP 7
MAXIMUM INSTANTANEOUS,
43.4 AT 23:55 AST ON APR 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 58 42 N
LONG 67 15 30 W
DRAINAGE AREA, 234 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 680	JUL	3 810
FEB	2 380	AUG	982
MAR	5 680	SEP	4 020
APR	50 400	OCT	7 650
MAY	9 480	NOV	8 550
JUN	7 840	DEC	16 800

TOTAL DISCHARGE, 119 000 dam³

SOUTHWEST MIRAMICHI RIVER AT BLACKVILLE - STATION NO. 01BD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	43.88	24.88	18.88	2508	182	53.4	84.3	30.6	17.0	58.6	89.2	138	1
2	41.08	24.28	18.88	3508	172	53.8	82.2	30.9	16.4	141	86.0	619	2
3	40.08	24.08	18.68	5228	157	49.3	43.6	30.4	15.6	130	77.6	478	3
4	38.88	23.88	18.88	7508	141	43.4	37.8	30.3	15.8	104	72.6	302	4
5	38.08	23.68	18.58	738	126	40.7	34.6	33.7	17.2	108	88.1	235	5
6	37.08	23.28	18.58	837	118	41.3	33.0	35.3	16.3	107	112	175 B	6
7	36.28	23.08	18.58	688	137	45.7	31.8	35.7	15.8	93.2	102	149 B	7
8	36.08	22.88	18.88	575	185	47.0	29.6	31.3	15.2	83.2	82.0	135 B	8
9	35.58	22.88	18.88	526	148	43.6	27.6	27.9	17.7	118	74.6	122 B	9
10	34.58	22.68	18.58	427	128	84.3	27.2	26.9	37.2	125	76.6	108 B	10
11	34.28	22.28	18.38	418	112	87.5	30.7	25.2	80.5	102	72.2	98.08	11
12	33.58	22.08	18.18	447	102	82.4	32.0	26.4	48.6	87.2	84.0	88.08	12
13	32.88	21.98	18.08	443	89.2	87.2	30.4	27.0	37.2	77.4	82.6	80.08	13
14	32.58	21.58	18.08	382	83.4	87.5	28.2	27.1	35.8	70.2	83.2	74.08	14
15	32.08	21.28	18.08	342	85.1	84.1	27.1	25.7	80.5	85.9	85.0	88.08	15
16	31.88	21.08	18.08	324	83.7	81.8	27.1	23.6	66.1	82.0	85.9	85.08	16
17	30.88	20.88	18.08	318	107	48.0	27.8	24.3	49.8	58.3	88.8	82.08	17
18	30.58	20.78	18.08	320	88.7	40.8	28.0	24.9	41.6	56.1	87.6	80.08	18
19	30.08	20.58	18.08	361	84.5	38.2	23.7	24.1	38.5	55.6	78.7	56.08	19
20	29.58	20.48	16.88	388	75.7	36.2	22.2	23.1	34.9	54.9	68.9	66.09	20
21	28.08	20.08	19.88	312	89.0	36.8	21.3	22.5	32.8	53.1	101	85.88	21
22	26.58	20.08	21.08	281	85.6	34.8	20.5	20.8	41.0	52.2	98.9	83.08	22
23	26.38	19.58	24.58	248	86.6	32.2	19.7	19.6	184	52.3	77.8	81.08	23
24	27.88	19.78	27.58	216	70.0	30.6	23.0	18.3	144	51.8	87.0	80.08	24
25	27.28	19.48	33.08	201	67.8	29.6	80.2	18.6	107	51.0	89.08	48.58	25
26	26.88	19.28	40.08	180	81.8	28.6	81.0	18.4	76.8	89.9	53.08	47.08	26
27	26.58	19.18	80.08	180	86.6	28.0	79.1	16.7	83.1	88.7	46.08	45.58	27
28	26.08	19.08	82.08	147	81.9	32.0	57.2	16.2	82.7	84.0	41.08	44.58	28
29	25.58		105 B	139	49.4	94.7	43.1	17.8	46.4	82.9	38.08	43.58	29
30	25.28		140 B	142	48.3	82.5	36.6	17.2	42.9	141	42.08	42.58	30
31	24.98		180 B		50.6		32.5	17.1		121		42.08	31
TOTAL	992.7	602.8	1 100.1	11 293	3 083.5	1 421.5	1 121.7	772.1	1 471.0	2 810.7	2 150.8	3 888.0	TOTAL
MEAN	32.0	21.5	35.5	378	99.8	47.4	36.2	24.9	49.0	84.2	71.7	119	MEAN
MAX	43.5	24.5	180	750	172	94.7	81.0	35.7	184	141	113	619	MAX
MIN	24.9	19.0	18.0	139	49.3	28.0	19.7	17.1	15.2	51.0	39.0	42.0	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 83.0
MAXIMUM DAILY, 7508 ON APR 4
MINIMUM DAILY, 15.2 ON SEP 8
MAXIMUM INSTANTANEOUS,
835 AT 22 23 AST ON APR 4

TYPE OF GAUGE - RECORDING
LOCATION - LAT 48 44 10 N
LONG 65 49 36 W
DRAINAGE AREA, 5 050 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	85 600	JUL	96 800
FEB	52 100	AUG	66 700
MAR	95 000	SEP	127 000
APR	976 000	OCT	226 000
MAY	266 000	NOV	186 000
JUN	123 000	DEC	319 000

TOTAL DISCHARGE, 2 520 000 dam³

SPEDNIC LAKE AT ST CROIX - STATION NO 01AR010

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	115.842	115.026	114.784	115.087	115.817	115.853	115.877	115.728A	115.337	115.411	115.215	115.980	1
2	115.851	114.992	114.783	115.268	115.803	115.857	115.880	115.701A	115.347	115.389	115.193	115.959	2
3	115.849	114.982	114.748	115.469	115.810	115.843	115.850	115.667A	115.350	115.380	115.170	115.128	3
4	115.836	114.977	114.736	115.526	115.819	115.837	115.882	115.686A	115.324	115.382	115.150	115.157	4
5	115.528	114.980	114.728	115.706	115.823	115.835	115.902	115.705A	115.287	115.385	115.139	115.191	5
6	115.802	114.942	114.714	115.823	115.836	115.831	115.910	115.670	115.253	115.391	115.145	115.224	6
7	115.475	114.927	114.696	115.841	115.884	115.834	115.914	115.684	115.225	115.413	115.133	115.248	7
8	115.470	114.914	114.696	115.867	115.875	115.859	115.916	115.643A	115.210	115.447	115.112	115.267	8
9	115.455	114.898	114.701	115.164	115.880	115.842	115.901	115.635A	115.223	115.455	115.087	115.302	9
10	115.444	114.894	114.691	115.232	115.913	115.828	115.895	115.621A	115.247	115.428	115.084	115.332	10
11	115.470	114.884	114.678	115.297	115.911	115.828	115.882	115.628A	115.238	115.421	115.082	115.350	11
12	115.448	114.885	114.669	115.359	115.921	115.856	115.870	115.617A	115.215	115.430	115.070	115.388	12
13	115.426	114.880	114.656	115.421	115.919	115.879	115.869	115.602A	115.195	115.414	115.048	115.388	13
14	115.413	114.862	114.649	115.470	115.908	115.890	115.885	115.594A	115.218	115.410	115.013	115.403	14
15	115.398	114.856	114.639	115.509	115.934	115.897	115.881	115.589A	115.229	115.412	115.997	115.402	15
16	115.372	114.842	114.638	115.538	115.932	115.910	115.839A	115.568A	115.223	115.393	115.985	115.437	16
17	115.336	114.826	114.647	115.561	115.917	115.899	115.835A	115.564A	115.236	115.388	115.970	115.450	17
18	115.302	114.822	114.651	115.591	115.913	115.897	115.815A	115.548A	115.229	115.369	115.955	115.458	18
19	115.288	114.817	114.650	115.625	115.912	115.923	115.823A	115.532A	115.223	115.349	115.938	115.458	19
20	115.258	114.811	114.650	115.649	115.908	115.924	115.805A	115.507A	115.229	115.327	115.931	115.495	20
21	115.228	114.818	114.665	115.667	115.902	115.909	115.788A	115.508A	115.276	115.316	115.958	115.482	21
22	115.194	114.809	114.670	115.695	115.918	115.902	115.800A	115.478A	115.312	115.317	115.937	115.475	22
23	115.178	114.788	114.677	115.708	115.905	115.900	115.793A	115.484A	115.327	115.282	115.918	115.488	23
24	115.157	114.788	114.677	115.728	115.887	115.910	115.778A	115.480A	115.347	115.252	115.892	115.498	24
25	115.131	114.781	114.666	115.734	115.877	115.898	115.787A	115.437A	115.383	115.248	115.871	115.510	25
26	115.108	114.787	114.667	115.742	115.877	115.885	115.785A	115.430A	115.361	115.250	115.884	115.533	26
27	115.080	114.759	114.738	115.745	115.878	115.878	115.785A	115.417A	115.357	115.220	115.851	115.535	27
28	115.050	114.757	114.775	115.744	115.880	115.877	115.770A	115.401	115.361	115.203	115.851	115.530	28
29	115.038		114.813	115.758	115.872	115.888	115.768A	115.389	115.363	115.228	115.841	115.527	29
30	115.028		114.858	115.808	115.855	115.888	115.733A	115.370	115.368	115.229	115.840	115.512	30
31	115.014		114.926		115.853		115.740A	115.369		115.227		115.487	31
MEAN	115.321	114.885	114.707	115.321	115.882	115.875	115.833	115.554	115.282	115.348	115.007	115.374	MEAN
MAX	115.851	115.026	114.926	115.808	115.934	115.924	115.918	115.728	115.368	115.455	115.215	115.535	MAX
MIN	115.014	114.757	114.638	115.087	115.803	115.828	115.733	115.369	115.195	115.203	115.840	115.980	MIN

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN, 115.121
MAXIMUM DAILY, 115.934 ON MAY 15
MINIMUM DAILY, 114.638 ON MAR 15
MAXIMUM INSTANTANEOUS
115.980 AT 16 03 AST ON MAY 15

WATER LEVELS ARE REFERRED TO GEODETIC SURVEY OF CANADA DATUM

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 34 09 N
LONG 67 25 41 W

A - MANUAL GAUGE

REGULATED SINCE 1967

NEW BRUNSWICK

ST CROIX RIVER AT BARING - STATION NO 01AR005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	32.3	38.8	28.8	175	48.7	28.5	30.3A	32.8A	24.8A	47.3A	34.8	101	1
2	35.1	48.1	31.7	281	32.0	27.5	30.8A	33.1A	24.4A	48.1A	38.2	151	2
3	30.8	57.4	30.5	328	32.6	27.8	35.4A	28.1A	28.0A	47.0A	40.8	179	3
4	30.0	83.1	28.4	337	40.2	29.2	31.1A	25.8A	38.5A	48.7A	47.6	191	4
5	33.4	54.4	27.5	317	28.4	33.4	28.6A	24.8A	35.1A	47.3A	44.7	116	5
6	30.8	38.1	27.3	273	34.8	31.7	28.0A	24.2A	31.1A	48.7A	39.4	102	6
7	30.6	35.1	31.7	288	32.4	28.1	31.4A	24.8A	28.0A	50.1A	38.8	80.6	7
8	29.2	29.2	34.8	280	28.7	32.8	32.8A	24.8A	25.8A	50.1A	28.7	76.7	8
9	37.8	40.8	27.8	249	30.0	32.3	32.8A	24.4A	30.8A	55.8A	37.1	77.0	9
10	55.5	71.4	30.3	210	30.8	43.3	33.1A	23.8A	32.0A	59.2A	42.2	80.7	10
11	52.7	65.7	31.4	193	29.4	42.5	34.5A	24.8A	24.1A	53.0A	47.3	78.5	11
12	56.4	29.7	28.8	172	28.2	51.5	30.3A	24.1A	27.8A	56.1A	48.4	87.5	12
13	56.1	29.7	27.4	148	30.0	47.8	24.8A	26.2A	28.0A	57.5A	45.5	82.0	13
14	82.8	30.0	27.4	109	25.8	53.2	24.1A	24.8A	27.8A	43.5A	40.5	57.88	14
15	68.0	29.2	27.5	108	30.8	53.0	25.5A	24.8A	24.8A	32.6	34.3	49.88	15
16	67.7	31.7	27.4	95.1	28.3	38.8	28.0A	25.9A	23.2A	39.4	39.4	48.88	16
17	68.3	33.3	30.3	84.0	30.3	28.5	24.8A	30.3A	33.8A	56.1	43.9	50.78	17
18	61.2	31.1	28.3	83.4	28.4	29.2	33.8A	50.1A	22.8A	51.5	43.5	48.08	18
19	64.0	30.9	27.3	85.2	28.8	28.5	23.8A	38.5A	21.8A	49.8	43.3	47.98	19
20	65.1	32.6	27.4	88.1	25.9	29.4	23.4A	23.8A	37.3A	55.2	47.3	47.38	20
21	72.2	31.7	32.6	83.5	28.2	32.3	27.3A	23.8A	42.2A	48.7	35.1	47.38	21
22	83.7	28.7	42.2	79.3	28.9	29.2	37.7A	23.8A	89.1A	53.7	33.1	49.38	22
23	67.3	30.0	82.9	76.7	31.4	30.0	28.0A	23.8A	86.7A	47.6	39.1	49.08	23
24	61.3	27.2	73.1	78.7	28.2	32.0	24.8A	23.8A	58.1A	48.4	38.8	54.18	24
25	53.4	28.3	67.4	73.8	29.7	30.0	24.8A	23.8A	53.0A	43.8	49.3	50.18	25
26	36.8	27.3	71.6	67.1	27.2	27.2	25.8A	24.2A	48.7A	44.5	34.5	48.48	26
27	41.3	28.8	80.6	71.8	31.4	28.1A	27.6A	24.2A	43.8A	48.4	33.7	48.18	27
28	40.2	27.4	85.8	73.8	27.6	35.1A	26.3A	24.2A	45.7A	49.6	34.0	48.78	28
29	59.2		89.5	75.0	28.5	41.8A	25.2A	24.5A	48.7A	51.8	29.2	49.38	29
30	68.5		93.2	71.4	28.3	34.8A	24.8A	24.8A	47.3A	41.8	41.1	49.88	30
31	80.7		103		30.8		25.9A	24.1A		39.8		53.89	31
TOTAL	1 548.5	1 057.3	1 392.7	4 651.2	944.3	1 032.0	875.8	833.0	1 089.7	1 505.9	1 189.8	2 282.8	TOTAL
MEAN	50.0	37.8	44.9	155	30.5	34.4	28.3	26.9	36.3	48.6	39.7	73.0	MEAN
MAX	80.7	71.4	103	337	48.7	53.3	37.7	50.1	89.1	59.2	49.3	179	MAX
MIN	29.2	27.2	26.8	67.1	25.8	26.1	23.4	23.8	21.8	32.6	26.7	47.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 50.3
MAXIMUM DAILY 337 ON APR 4
MINIMUM DAILY 21.8A ON SEP 19
MAXIMUM INSTANTANEOUS
345 AT 23 00 EST ON APR 3

SUMMARY FOR THE YEAR 1987

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 08 12 N
LONG 67 19 05 W
DRAINAGE AREA 3 550 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	134 000	JUL	75 700
FEB	91 400	AUG	71 100
MAR	120 000	SEP	94 200
APR	402 000	OCT	130 000
MAY	81 600	NOV	103 000
JUN	89 200	DEC	196 000

TOTAL DISCHARGE 1 590 000 dam³

ST CROIX RIVER AT VANCEBORO - STATION NO 01AR004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	20.3	15.6	10.3	6.98	6.23	12.9	8.74	17.5	8.74	8.74	19.8	8.54	1
2	20.1	15.7	10.3	6.85	6.23	8.72	7.73	17.4	8.74	12.3	19.5	8.20	2
3	20.1	15.5	10.3	6.51	6.23	7.82	17.2	14.7	13.0	20.4	19.4	8.34	3
4	20.1	15.4	10.3	6.74	6.23	7.56	17.2	8.07	20.2	17.8	19.3	8.37	4
5	20.0	15.3	10.3	6.91	6.23	9.00	15.4	8.89	20.1	8.07	19.3	8.37	5
6	19.9	15.2	10.3	7.05	6.26	15.5	7.84	8.84	17.9	8.54	19.4	8.37	6
7	19.8	14.9	10.2	6.54	6.29	13.0	8.82	8.81	15.2	8.48	19.3	8.37	7
8	19.8	15.0	10.2	6.40	6.29	7.25	8.82	17.1	7.83	8.48	19.1	8.43	8
9	19.7	15.9	10.2	6.51	6.29	7.18	8.80	14.8	8.82	17.2	19.1	8.48	9
10	19.6	16.0	10.1	6.85	6.29	6.88	7.82	8.10	8.82	21.1	19.1	8.48	10
11	19.5	15.7	10.1	6.88	6.30	6.54	17.3	7.22	8.81	21.1	17.4	8.48	11
12	19.7	13.5	10.1	6.71	6.12	6.33	14.8	7.19	18.1	20.3	18.1	8.51	12
13	19.5	13.5	10.1	6.43	6.87	17.0	8.47	7.16	14.0	8.38	18.0	8.54	13
14	19.4	10.3	9.91	6.03	6.48	13.9	7.22	8.81	7.87	7.08	18.2	8.54	14
15	26.0	8.38	9.88	8.12	6.34	7.31	7.22	17.1	8.88	12.8	18.5	8.54	15
16	27.3	8.87	9.88	8.17	14.8	8.85	7.22	14.5	8.88	20.4	17.9	8.54	16
17	27.1	10.7	9.88	8.17	15.0	6.83	7.22	8.37	8.88	20.3	18.1	8.57	17
18	26.5	10.7	9.88	8.17	7.98	6.83	7.22	20.0	8.88	20.3	18.1	8.28	18
19	26.8	10.7	9.88	8.17	7.02	8.01	7.18	20.1	8.88	20.1	18.1	11.2	19
20	28.4	10.7	9.88	8.28	8.87	16.4	7.18	8.30	8.88	20.1	17.9	11.0	20
21	26.1	10.8	9.88	8.28	8.87	14.4	7.90	8.17	8.88	20.0	18.0	8.95	21
22	25.7	10.8	9.84	8.28	8.87	7.89	7.73	15.5	8.88	20.0	18.0	8.37	22
23	25.7	10.4	8.07	8.28	14.5	8.88	7.73	14.1	8.88	19.9	17.8	8.23	23
24	25.5	10.4	7.14	8.83	17.3	8.88	8.95	7.88	8.88	19.8	17.7	8.23	24
25	21.1	10.4	8.82	8.98	17.2	8.88	17.1	8.82	8.88	19.9	17.7	8.33	25
26	11.4	10.4	8.83	7.03	10.0	8.88	15.5	8.82	8.88	19.8	17.7	8.23	26
27	11.8	10.4	8.68	7.03	7.88	15.2	8.81	8.77	8.88	19.7	17.7	8.33	27
28	9.00	10.3	8.37	7.03	7.88	15.2	7.38	8.88	8.88	19.6	17.7	14.0	28
29	12.8		8.40	7.03	7.88	8.07	7.38	14.0	8.88	19.7	17.7	21.3	29
30	18.7		8.81	8.83	14.2	8.74	7.38	15.5	8.88	19.7	11.7	21.2	30
31	18.7		8.77		18.4		8.89	7.87		19.7		20.8	31
TOTAL	635.60	369.38	283.38	197.28	272.35	287.61	288.88	352.15	274.71	511.77	543.2	389.89	TOTAL
MEAN	20.5	13.6	9.14	6.58	8.78	9.59	9.57	11.4	9.19	16.5	18.1	8.89	MEAN
MAX	27.3	15.6	10.3	7.05	17.3	17.0	17.3	20.1	20.2	21.1	19.8	28.5	MAX
MIN	9.00	8.38	8.37	6.03	6.12	6.54	6.74	6.88	6.88	8.48	11.7	8.20	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 11.7
MAXIMUM DAILY 27.3 ON JAN 15
MINIMUM DAILY 6.03 ON APR 14
MAXIMUM INSTANTANEOUS
28.2 AT 10 30 EST ON DEC 31

SUMMARY FOR THE YEAR 1987

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION LAT 45 34 08 N
LONG 67 25 47 W
DRAINAGE AREA 1 080 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	54 900	JUL	25 600
FEB	31 000	AUG	30 400
MAR	24 600	SEP	23 700
APR	17 000	OCT	44 200
MAY	23 500	NOV	46 800
JUN	24 800	DEC	23 300

TOTAL DISCHARGE 370 000 dam³

ST. FRANCIS RIVER AT OUTLET OF GLACIER LAKE - STATION NO. 01AD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.48	8.37	4.38	82.9	31.4	11.8	17.5	15.2	8.43	14.4	36.5	17.4	1
2	8.27	8.15	4.38	185	28.8	12.8	16.1	14.0	8.33	13.9	33.5	23.8	2
3	8.10	8.00	4.48	267	27.6	13.5	16.2	13.2	8.09	13.8	31.5	32.4	3
4	8.02	8.85	4.54	245	26.2	13.7	17.8	12.7	5.81	14.0	30.1	37.0	4
5	8.10	8.81	4.34	203	24.8	13.7	17.0	12.3	5.70	14.6	31.4	38.4	5
6	8.77	8.74	4.18	173	23.3	13.4	16.8	12.2	5.48	18.0	33.8	33.8	6
7	8.47	8.83	4.18	161	22.3	12.8	16.5	11.8	5.34	18.7	35.7	30.8	7
8	8.08	8.83	4.20	182	21.0	12.4	15.8	11.8	5.19	21.2	35.9	27.7	8
9	8.07	8.82	4.21	189	20.0	12.8	16.1	12.0	5.29	21.8	34.6	25.5	9
10	7.84	8.58	4.08	147	18.4	14.4	14.3	11.7	5.68	21.4	31.8	23.7	10
11	7.83	8.27	3.81	134	16.6	15.6	13.3	11.5	5.58	20.8	28.5	22.4	11
12	7.88	8.13	4.09	127	16.3	17.3	12.5	10.8	5.48	19.4	26.9	21.3	12
13	7.93	8.13	4.12	122	17.4	18.5	11.8	10.2	5.78	18.1	24.9	20.3	13
14	7.59	8.08	4.10	117	16.9	16.3	11.2	9.88	7.31	16.9	23.1	19.2	14
15	7.47	4.97	3.99	108	16.5	16.1	10.8	9.45	9.14	16.2	21.4	18.0	15
16	7.24	4.94	4.04	99.7	16.1	17.2	10.5	8.90	12.7	15.5	20.0	17.1	16
17	7.16	4.74	4.32	93.3	15.8	16.1	10.3	8.56	15.7	14.7	18.8	16.5	17
18	7.04A	4.78	4.36	89.6	14.9	15.1	10.0	8.14	16.7	13.8	18.5	15.8	18
19	7.18A	4.81	4.36	87.3	14.4	14.2	9.53	7.88	16.5	13.3	18.4	15.3	19
20	7.04A	4.76	4.89	84.0	13.8	13.4	8.90	7.40	16.7	13.0	18.7	14.4	20
21	6.91A	4.76	4.48	78.5	12.8	11.8	8.31	7.15	14.8	12.7	19.4	13.9	21
22	6.85A	4.83	4.37	72.1	12.4	11.3	7.88	7.35	14.5	12.1	19.2	13.5	22
23	6.78A	4.42	4.51	84.8	12.3	10.8	7.88	7.79	14.9	11.8	18.7	13.0	23
24	7.04A	4.44	4.83	98.7	11.8	10.1	8.37	7.75	15.4	11.8	18.1	12.9	24
25	6.88A	4.43	5.86	93.1	11.5	9.32	9.80	7.81	15.7	12.4	17.7	12.8	25
26	6.88A	4.48	7.11	47.6	11.3	8.57	13.5	7.98	15.9	14.3	17.1	12.4	26
27	6.68A	4.53	8.83	43.2	10.9	9.50	17.3	7.76	15.8	17.7	16.3	11.9	27
28	6.35A	4.40	14.4	39.1	10.5	12.1	18.1	7.82	15.0	21.8	15.4	11.5	28
29	6.42		20.9	35.8	10.1	13.9	18.0	7.46	14.4	25.0	14.8	11.3	29
30	8.24		30.8	33.8	9.95	15.8	17.9	7.23	14.3	29.5	14.8	10.8	30
31	8.14		47.1		11.2		18.7	8.86		33.3		10.4	31
TOTAL	234.48	144.18	236.79	3 393.5	532.26	408.89	421.08	302.13	318.58	533.2	724.3	602.9	TOTAL
MEAN	7.56	5.15	7.70	113	17.2	13.6	13.6	9.75	10.6	17.2	24.1	19.4	MEAN
MAX	8.48	8.37	47.1	267	31.4	18.5	18.1	15.2	16.7	33.3	36.9	37.0	MAX
MIN	6.14	4.40	3.81	33.8	9.95	8.57	7.88	6.86	5.18	11.8	14.8	10.4	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 21.5
MAXIMUM DAILY, 267 ON APR 3
MINIMUM DAILY, 3.81 ON MAR 11
MAXIMUM INSTANTANEOUS,
272 AT 11 50 AST ON APR 3

SUMMARY FOR THE YEAR 1987

INTERNATIONAL GAUGING STATION
TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 12 25 N
LONG 68 57 25 W
DRAINAGE AREA, 1 350 km²
A - MANUAL GAUGE

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	20 300	JUL	36 400
FEB	12 500	AUG	26 100
MAR	20 600	SEP	27 500
APR	293 000	OCT	46 100
MAY	46 000	NOV	62 800
JUN	35 300	DEC	52 100

TOTAL DISCHARGE, 879 000 dam³

TETAGOUCHE RIVER NEAR WEST BATHURST - STATION NO. 01BJ001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.33 B	0.780B	0.500B	36.6B	12.5	3.18	3.03	0.927	0.570	0.725	1.41	9.24B	1
2	1.30 B	0.764B	0.480B	61.6B	11.8	2.78	2.23	0.939	0.596	0.849	1.41	24.1	2
3	1.26 B	0.738B	0.460B	87.7B	11.2	2.55	1.88	1.06	0.587	0.775	1.45	13.5	3
4	1.25 B	0.722B	0.420B	56.2	10.3	2.40	1.81	1.29	0.484	1.03	1.33	8.40	4
5	1.23 B	0.706B	0.490B	49.9	9.86	2.42	1.95	1.31	0.400E	1.85	1.87	7.27	5
6	1.20 B	0.690B	0.530B	41.1	9.14	2.57	1.88	1.11	0.388E	1.59	1.95	6.78	6
7	1.18 B	0.674B	0.518B	38.2	11.4	2.48	1.67	0.989	0.380E	1.30	1.75 B	6.80B	7
8	1.15 B	0.658B	0.502B	34.9	11.2	2.21	1.44	0.862	0.322E	1.49	1.67 B	6.40B	8
9	1.12 B	0.642B	0.488B	30.1	9.84	2.24	1.24	1.22	0.483	1.84	1.60 B	6.00B	9
10	1.10 B	0.625B	0.474B	28.5	8.76	1.99	1.06	1.07	1.42	1.53	1.24 B	5.80B	10
11	1.07 B	0.610B	0.480B	32.2	7.88	1.86	1.15	0.874	1.24	1.27	1.09 B	5.20B	11
12	1.05 B	0.594B	0.448B	34.6	7.48	1.85	1.12	0.824	1.03	1.10	0.942B	4.90B	12
13	1.03 B	0.578B	0.432B	34.0	7.33	1.72	1.03	0.838	0.888	1.02	1.46 B	4.70B	13
14	1.00 B	0.562B	0.416B	31.0	8.74	1.61	0.975	0.888	1.69	0.988	1.19 B	4.40B	14
15	0.978B	0.546B	0.404B	28.2	8.44	1.84	0.871	0.814	2.73	0.873	1.00 B	4.20B	15
16	0.950B	0.530B	0.388B	31.3	7.84	1.67	0.847	0.888	1.46	0.818	0.724B	4.10B	16
17	0.925B	0.514B	0.400B	34.5	8.77	1.32A	0.782	0.919	1.51	0.809	0.724B	3.80B	17
18	0.900B	0.498B	0.500B	50.9	8.24	1.32A	0.859	0.888	1.29	0.803	1.18 B	3.68B	18
19	0.875B	0.482B	0.700B	74.0	8.46	1.38	0.887	0.785	1.11	0.774	0.942B	3.48B	19
20	0.850B	0.466B	1.00 B	83.6	9.82	1.37	0.887	0.778	0.989	0.800	0.829B	3.30B	20
21	0.825B	0.450B	2.10 B	80.8	9.42	1.33	0.838	0.748	0.932	0.830	0.829B	3.10B	21
22	0.800B	0.434B	2.30 B	48.1	9.04	1.17	0.875	0.731	0.894	0.850	0.833B	2.94B	22
23	0.900B	0.418B	2.35 B	34.3	9.00	1.18	0.836	0.870	1.10	0.919	0.400B	2.81B	23
24	0.885B	0.400B	2.45 B	27.0	4.65	1.13	0.885	0.859	1.11	0.888	0.724B	2.88B	24
25	0.870B	0.440B	2.80 B	21.6	4.28	1.18	0.729	0.728	1.08	0.885	1.19 B	2.88B	25
26	0.855B	0.400B	4.20 B	17.1	3.88	1.10	1.10	0.702	0.888	1.44	0.724B	2.68B	26
27	0.833B	0.450B	5.00 B	14.5	3.54	1.10	1.70	0.689	0.839	1.54	0.807B	2.38B	27
28	0.820B	0.880B	5.80 B	12.7	3.41	3.85	1.25	0.889	0.707	1.44	0.579B	2.28B	28
29	0.805B		7.60 B	11.7	3.35	4.02	0.981	0.908	0.693	1.58	0.561B	2.19B	29
30	0.780B		10.0 B	11.7	3.13	3.35	0.926	0.850	0.881	2.04	0.533B	2.11B	30
31	0.775B		17.0 B		3.29		0.895	0.498		1.88		2.03B	31
TOTAL	30.822	15.902	71.810	1 109.4	219.30	88.84	38.703	25.958	29.079	38.278	31.445	183.28	TOTAL
MEAN	0.997	0.568	2.32	37.0	7.07	1.89	1.18	0.837	0.889	1.17	1.05	5.27	MEAN
MAX	1.33	0.780	17.0	74.0	12.5	4.02	3.03	1.31	2.73	2.04	1.95	24.1	MAX
MIN	0.775	0.400	0.380	11.7	3.13	1.10	0.536	0.450	0.322	0.725	0.400	2.03	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.01
MAXIMUM DAILY, 74.0 ON APR 19
MINIMUM DAILY, 0.322E ON SEP 6
MAXIMUM INSTANTANEOUS,
81.8 AT 21 58 AST ON APR 19

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 38 21 N
LONG 65 41 37 W
DRAINAGE AREA, 383 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 670	JUL	3 170
FEB	1 370	AUG	2 240
MAR	6 200	SEP	2 510
APR	95 800	OCT	3 130
MAY	18 900	NOV	2 720
JUN	8 150	DEC	14 100

TOTAL DISCHARGE, 156 000 dam³

REMARKS - THE "E" FOR DISCHARGES BELOW 445 m³/s IS DUE TO CURVE EXTENSION

TOBIQUE RIVER AT NARROWS - STATION NO. 01AH004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	57.8	32.5	31.5	383	85.8	37.5	24.3	23.8	15.0	45.8	27.5	131	1
2	56.8	45.5	41.0	581	84.3	41.4	46.2	25.4	24.8	25.5	34.1	386	2
3	58.2	45.1	30.4	445	82.4	29.5	27.2	26.3	24.4	23.4	39.8	242	3
4	52.3	41.9	28.0	385	81.3	28.1	21.6	43.0	43.5	11.7	55.6	185	4
5	57.8	39.4	11.8	329	84.2	32.5	11.7	40.4	4.53	41.9	80.2	131	5
6	56.5	51.3	11.7	307	45.9	85.3	32.5	47.7	17.1	42.4	75.4	126	6
7	59.7	46.8	8.50	324	58.2	25.3	16.2	33.8	0	49.9	82.0	105	7
8	89.7	44.1	12.2	323	82.2	44.2	20.6	23.8	10.1	41.1	43.1	107	8
9	56.7	46.4	24.4	270	59.6	34.9	13.6	20.8	37.2	46.0	57.3	81.8	9
10	55.8	42.8	19.4	223	55.1	38.0	13.9	28.2	22.6	58.3	55.8	118	10
11	52.2	46.3	20.2	203	58.1	28.4	18.4	24.9	35.3	28.4	38.9	118	11
12	69.8	40.9	15.7	181	66.9	27.1	17.4	19.3	26.9	40.3	35.5	84.5	12
13	52.4	40.2	15.9	181	56.8	19.6	16.0	27.8	8.82	43.6	42.9	83.3	13
14	62.0	40.5	19.0	144	51.9	14.5	18.7	34.8	27.2	42.1	49.3	57.5	14
15	62.9	38.4	9.88	126	56.5	29.4	16.6	19.6	25.7	38.1	44.9	41.3	15
16	76.9	40.0	21.3	120	52.1	27.8	13.5	15.9	41.0	32.8	29.8	41.1	16
17	58.8	33.4	19.8	122	76.6	32.3	10.2	24.1	24.7	46.9	35.9	45.4	17
18	58.8	43.7	15.1	119	52.8	25.6	15.1	36.5	33.4	14.9	57.0	58.1	18
19	61.5	40.4	16.8	119	57.5	26.6	15.6	29.0	14.9	24.2	58.0	43.4	19
20	61.6	37.4	21.6	117	54.8	18.2	18.5	34.7	22.8	30.6	55.3	31.3	20
21	58.0	33.2	16.7	120	50.5	16.9	0	27.8	34.5	37.5	39.2	41.1	21
22	61.1	33.0	25.8	108	80.6	27.7	8.83	12.8	51.7	23.6	32.1	78.2	22
23	59.3	32.4	35.6	84.0	34.0	3.15	8.15	13.1	84.9	40.6	31.9	86.2	23
24	63.2	35.6	35.4	85.5	38.2	18.2	10.6	25.6	84.9	22.0	36.2	81.5	24
25	47.6	28.0	55.3	88.2	42.8	24.3	70.6	19.7	38.0	40.0	41.4	53.3	25
26	48.4	29.2	102	81.8	71.1	18.4	15.8	22.5	26.6	79.9	53.3	53.3	26
27	54.5	30.4	65.0	77.4	28.4	17.1	29.3	17.0	26.4	35.1	38.9	44.7	27
28	42.8	24.1	73.5	60.3	35.4	55.3	35.1	17.1	43.2	66.8	11.7	50.0	28
29	39.0		114	64.7	26.1	37.4	26.3	16.0	25.5	74.6	3.87	70.8	29
30	46.9		110	72.2	26.4	53.0	23.8	15.5	48.9	43.6	65.5	47.0	30
31	41.3		185		30.2		22.2	16.3		8.72		22.3	31
TOTAL	1 786.3	1 088.3	1 184.28	5 817.1	1 846.3	920.56	841.19	790.9	885.75	1 202.32	1 302.47	2 787.1	TOTAL
MEAN	57.6	36.9	38.2	194	59.1	30.7	20.7	25.5	29.5	38.8	43.4	90.2	MEAN
MAX	76.9	51.3	185	581	84.3	85.3	70.6	47.7	84.9	79.9	75.4	386	MAX
MIN	39.0	24.1	8.50	80.3	26.4	3.15	0	12.8	0	8.72	3.87	22.3	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 55.0
MAXIMUM DAILY, 581 ON APR 2
MINIMUM DAILY, 0 ON JUL 21

DATA CONTRIBUTED BY :
NEW BRUNSWICK ELECTRIC POWER COMMISSION

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - POWER PLANT
LOCATION - LAT 46 47 30 N
LONG 67 41 00 W
DRAINAGE AREA, 4 330 km²

REGULATED SINCE 1954

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	154 000	JUL	85 400
FEB	84 000	AUG	88 300
MAR	102 000	SEP	76 500
APR	503 000	OCT	104 000
MAY	142 000	NOV	113 000
JUN	79 500	DEC	242 000

TOTAL DISCHARGE, 1 730 000 dam³

TOBIQUE RIVER AT PLASTER ROCK - STATION NO. 01AH003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	44.08	27.08	22.58	250 B	58.4	30.8	29.0	21.7	15.6	26.4	35.2	124	1
2	45.58	26.08	21.58	310 B	54.8	29.8	25.1	22.6	19.1	29.0	33.6	225	2
3	47.58	29.08	20.58	274	51.7	26.7	21.2	21.4	18.3	27.0	33.0	168	3
4	46.08	30.58	16.08	231	48.8	25.3	19.1	25.7	20.4	26.7	35.0	131	4
5	46.08	31.58	14.08	218	46.3	25.3	18.4	34.0	29.4	30.9	55.7	114	5
6	50.08	32.58	12.08	207	44.2	27.7	18.2	35.2	15.0	31.9	63.9	108	6
7	52.08	33.68	13.08	215	46.5	27.1	17.0	33.4	13.7	28.9	56.2	97.1	7
8	51.08	35.08	13.58	213	83.8	24.9	15.9	22.1	13.2	34.3	47.7	84.0	8
9	46.08	36.08	13.28	185	58.5	23.1	14.4	20.6	14.3	47.2	49.2	103	9
10	46.08	35.58	12.58	180	49.8	22.9	14.1	19.4	26.2	41.3	46.2	87.5	10
11	46.08	34.08	11.58	145	46.5	23.0	13.3	19.3	24.9	36.1	44.0	83.3	11
12	50.08	32.58	12.58	134	47.3	22.6	13.1	25.7	20.1	33.7	38.2	72.8	12
13	52.08	31.08	14.08	123	84.9	22.1	13.1	23.3	18.2	32.3	36.6	70.4	13
14	50.08	29.58	16.08	111	49.7	21.0	12.9	19.5	20.7	31.4	43.8	62.5	14
15	46.08	28.08	16.88	103	46.9	22.4	12.8	17.5	29.3	30.3	38.8	49.5	15
16	44.08	27.08	17.28	97.6	57.1	26.8	12.7	17.9	26.3	29.1	32.6	51.3	16
17	44.08	26.58	16.08	93.6	54.1	23.3	12.2	27.6	22.9	28.0	31.5	56.58	17
18	46.08	26.08	14.08	92.0	48.8	19.5	11.1	25.3	21.5	27.3	41.2	53.58	18
19	47.08	27.08	14.58	82.5	45.6	18.1	10.7	26.9	20.2	27.1	45.6	60.08	19
20	48.08	28.08	15.08	90.9	43.2	18.0	10.4	20.1	18.8	27.3	41.0	58.08	20
21	48.08	29.08	16.08	88.3	40.9	18.1	10.1	19.5	20.3	27.0	39.1	64.08	21
22	43.58	30.08	17.58	83.6	39.0	16.7	9.78	19.0	45.0	27.6	33.7	67.08	22
23	41.08	28.58	20.08	79.3	41.6	15.6	9.83	21.7	51.7	27.9	30.7	64.08	23
24	38.58	27.08	23.58	76.8	38.3	15.3	15.0	26.4	43.0	26.2	31.7	60.08	24
25	38.08	26.08	31.08	74.8	35.6	16.0	33.0	21.6	36.3	29.3	36.6	62.08	25
26	35.58	25.08	37.08	89.0	34.1	14.8	28.4	19.6	31.8	52.5	31.7	58.08	26
27	34.08	24.28	46.08	83.3	32.4	14.8	25.1	18.9	30.1	46.5	24.08	61.08	27
28	33.08	23.48	56.08	89.3	30.8	21.8	24.0	18.2	29.3	41.4	16.58	64.08	28
29	31.58		74.08	86.3	30.0	34.8	19.3	16.5	27.0	38.0	19.58	49.08	29
30	30.08		110 B	88.6	28.7	30.5	16.2	16.4	29.8	40.3	28.78	53.08	30
31	28.58		150 B		28.2		20.7	15.7		37.6		58.08	31
TOTAL	1 354.5	821.2	889.2	4 050.4	1 398.0	681.1	517.81	693.4	751.4	1 023.9	1 141.9	2 517.3	TOTAL
MEAN	43.7	29.3	28.7	135	45.1	22.7	16.7	22.4	25.0	33.0	38.1	81.2	MEAN
MAX	52.0	36.0	150	310	83.8	34.8	29.0	35.3	51.7	62.5	63.9	225	MAX
MIN	28.5	23.4	11.5	88.3	28.7	14.8	9.78	15.7	13.2	26.2	16.6	49.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 43.4
MAXIMUM DAILY, 310B ON APR 2
MINIMUM DAILY, 9.78 ON JUL 22
MAXIMUM INSTANTANEOUS,
344 AT 14:30 AST ON APR 2

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 54 18 N
LONG 67 23 42 W
DRAINAGE AREA, 3 130 km²

B - ICE CONDITIONS

REGULATED SINCE 1954

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	117 000	JUL	64 700
FEB	71 000	AUG	59 800
MAR	76 500	SEP	64 900
APR	350 000	OCT	85 500
MAY	121 000	NOV	98 700
JUN	68 500	DEC	217 000

TOTAL DISCHARGE, 1 370 000 dam³

TOBIQUE RIVER AT RILEY BROOK - STATION NO. 01AH002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	27.0B	21.0B	15.6 B	119	42.0	21.9	16.9	12.0	11.2	17.4	22.5	75.0	1
2	28.0B	21.0B	15.0 B	183	39.5	21.1	14.4	12.9	12.5	17.5	21.6	113	2
3	31.0B	21.5B	14.0 B	143	37.4	19.5	12.9	12.5	14.4	16.9	21.3	86.5	3
4	31.5B	22.0B	13.0 B	134	35.5	19.1	12.1	16.9	21.5	17.2	22.4	83.3	4
5	32.0B	23.2B	10.4 B	134	34.5	18.9	12.6	26.3	13.6	16.5	26.8	76.6	5
6	33.0B	24.6B	9.00B	126	32.6	19.5	11.6	27.0	9.68	16.1	32.5	66.6	6
7	34.5B	25.2B	9.80B	135	37.0	18.9	10.8	17.3	9.45	17.0	28.4	62.6	7
8	36.0B	26.0B	10.0 B	134	40.9	18.0	10.2	15.1	9.28	21.7	29.3	66.5	8
9	38.0B	27.0B	9.80B	117	38.7	17.2	9.81	13.8	11.5	24.5	26.2	68.5	9
10	34.5B	28.0B	9.00B	104	34.4	16.9	9.47	13.0	17.6	22.1	29.0	61.3	10
11	33.0B	26.5B	8.60B	95.3	33.0	16.7	9.31	14.0	14.0	20.8	25.5	52.7	11
12	34.6B	25.0B	9.40B	90.6	33.9	15.8	9.58	17.1	12.5	19.8	26.3	52.8	12
13	37.0B	24.0B	10.2 B	83.6	35.9	15.5	9.02	14.6	11.5	19.4	27.8	47.9	13
14	40.0B	22.6B	11.0 B	76.9	32.8	14.8	8.94	13.0	14.1	19.0	26.6	44.7	14
15	39.0B	21.8B	11.6 B	73.4	32.2	17.0	8.99	12.0	17.7	18.7	24.7	38.8	15
16	38.0B	21.0B	12.0 B	69.1	35.7	16.1	9.08	12.9	15.0	18.3	21.4	40.7	16
17	33.5B	20.2B	10.0 B	68.7	33.7	15.0	8.33	15.9	13.6	18.2	24.7	42.8	17
18	32.0B	19.6B	9.80B	65.8	31.4	13.6	7.88	16.0	13.5	18.1	26.4	42.8	18
19	37.0B	19.0B	10.0 B	66.8	30.5	12.7	7.38	14.2	12.5	18.0	25.5	51.5	19
20	37.0B	18.5B	10.8 B	65.5	29.7	12.5	7.01	12.8	11.7	17.8	23.9	54.5B	20
21	35.5B	19.6B	11.6 B	62.5	28.4	12.0	6.90	12.7	12.8	17.1	23.8	52.5B	21
22	33.5B	21.2B	12.6 B	61.3	26.2	11.2	6.86	12.3	22.3	17.1	22.8	50.0B	22
23	32.0B	20.5B	14.0 B	58.8	26.2	10.9	7.09	17.4	23.8	17.8	21.3	53.0B	23
24	30.5B	19.5B	16.0 B	58.2	27.4	11.0	8.08	16.4	21.4	18.8	22.8	48.0B	24
25	28.0B	18.8B	18.0 B	53.7	28.4	10.7	18.8	14.2	19.2	20.3	22.1	50.5B	25
26	26.0B	18.0B	22.0 B	49.9	25.2	10.4	13.1	14.1	18.2	26.0	20.0	47.5B	26
27	26.5B	17.2B	25.0 B	47.3	24.4	10.1	14.6	13.1	16.3	25.0	18.7	49.0B	27
28	25.0B	16.4B	28.0 B	44.7	23.5	16.0	13.0	12.0	17.4	23.3	18.8	46.0B	28
29	23.8B		33.0 B	43.0	22.6	20.6	10.5	11.2	20.0	24.0	21.4	42.5B	29
30	22.8B		44.3	42.7	21.2	16.8	9.97	10.8	16.2	23.5	25.1	44.0B	30
31	22.0B		85.8		21.3		12.2	10.6		22.8		45.5B	31
TOTAL	894.2	609.1	508.90	2 584.8	976.5	472.4	327.17	456.2	456.62	615.1	733.2	1 770.5	TOTAL
MEAN	32.1	21.8	16.4	86.2	31.5	15.7	10.6	14.7	15.2	19.8	24.4	57.1	MEAN
MAX	40.0	28.0	85.8	183	42.0	21.9	16.9	27.0	23.8	26.0	32.5	113	MAX
MIN	22.0	16.4	8.80	42.7	21.2	10.1	8.86	10.6	9.28	16.8	18.7	38.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 28.8
MAXIMUM DAILY, 183 ON APR 2
MINIMUM DAILY, 8.86 ON JUL 22
MAXIMUM INSTANTANEOUS,
186 AT 07:50 AST ON APR 2

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 10 24 N
LONG 67 12 36 W
DRAINAGE AREA, 2 230 km²

B - ICE CONDITIONS

REGULATED SINCE 1954

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	85 900	JUL	28 300
FEB	52 600	AUG	39 400
MAR	44 000	SEP	39 500
APR	223 000	OCT	53 100
MAY	84 400	NOV	63 300
JUN	40 800	DEC	153 000

TOTAL DISCHARGE, 807 000 dam³

TURTLE CREEK AT TURTLE CREEK - STATION NO 01BU003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.760B	0.558B	0.390B	26.6 B	7.77	1.51	1.04	0.479	0.270	0.599	1.41	27.6	1
2	0.820B	0.545B	0.389B	41.1 B	6.67	1.25	0.923	0.585	0.331	1.82	1.29	19.5	2
3	0.880B	0.540B	0.381B	26.4 B	5.97	1.13	0.903	0.480	0.281	1.26	1.23	11.7	3
4	0.910B	0.535B	0.376B	25.5	5.33	1.09	0.876	0.518	0.252	3.26	1.25	8.50	4
5	0.760B	0.522B	0.377B	21.6	4.80	1.04	0.872	0.439	0.248	2.26	1.45	6.81	5
6	0.703B	0.520B	0.372B	22.9	4.81	2.14	0.893	0.410	0.213	1.85	1.36	5.81	6
7	0.650B	0.510B	0.369B	27.1	6.04	3.47	0.830	0.381	0.203	1.52	1.21	4.96	7
8	0.810B	0.505B	0.365B	20.1	4.89	1.93	0.740	0.373	0.206	1.44	1.13 B	4.16	8
9	0.780B	0.500B	0.360B	14.7	4.39	3.62	0.733	0.384	0.845	1.36	1.24	3.86	9
10	0.760B	0.495B	0.356B	12.7	4.01	8.62	0.786	0.387	0.833	1.26	1.31	3.44	10
11	0.740B	0.490B	0.352B	15.0	3.69	4.80	0.788	0.352	0.582	1.15	1.15	3.24	11
12	0.710B	0.480B	0.350B	16.5	3.56	3.83	0.730	0.384	0.404	1.08	0.980B	3.27	12
13	0.690B	0.475B	0.345B	14.1	3.38	3.86	0.705	0.352	0.350	1.00	1.12 B	3.05	13
14	0.670B	0.470B	0.342B	12.3	2.93	3.41	0.664	0.323	0.607	0.976	1.22 B	2.76	14
15	0.660B	0.462B	0.338B	10.8	2.69	3.42	0.654	0.298	0.736	0.904	1.84	2.71	15
16	0.640B	0.460B	0.335B	10.6	2.95	2.85	0.626	0.407	0.444	0.872	1.36 B	2.40B	16
17	0.620B	0.455B	0.330B	11.8	2.56	2.43	0.588	0.458	0.453	0.855	1.48 B	2.25B	17
18	0.600B	0.450B	0.326B	16.9	2.25	2.16	0.515	0.376	0.388	0.815	3.52	2.10B	18
19	0.590B	0.442B	0.325B	25.1	2.17	2.01	0.444	0.345	0.389	0.832	3.56	1.89B	19
20	0.580B	0.440B	0.321B	26.1	2.01	2.20	0.416	0.295	0.415	0.825	4.33	1.88B	20
21	0.565B	0.435B	0.350B	22.6	1.89	1.85	0.424	0.257	0.837	0.763	10.7	1.78B	21
22	0.555B	0.430B	0.560B	22.3	1.81	1.70	0.423	0.255	3.25	0.752	6.67	1.70B	22
23	0.542B	0.421B	1.90 B	15.6	1.85	1.58	0.420	0.239	1.89	0.702	5.24	1.82B	23
24	0.550B	0.420B	1.70 B	12.2	1.78	1.54	0.452	0.242	1.37	0.681	4.89	1.84B	24
25	0.535B	0.415B	1.42 B	9.46	1.66	1.63	0.429	0.243	1.03	0.690	5.05	1.46B	25
26	0.522B	0.410B	1.27 B	7.66	1.48	1.45	0.446	0.252	0.835	0.942	4.22	1.42B	26
27	0.610B	0.405B	1.60 B	8.64	1.41	1.31	0.502	0.231	0.734	0.758	3.74	1.36B	27
28	0.600B	0.400B	2.10 B	5.74	1.34	1.34	0.486	0.236	0.884	0.706	3.42	1.30B	28
29	0.590B		3.20 B	9.71	1.31	1.26	0.421	0.228	0.600	1.89	3.19	1.25B	29
30	0.640B		4.72 B	9.34	1.23	1.13	0.407	0.271	0.583	1.67	3.06	1.22B	30
31	0.570B		7.00 B		1.31		0.410	0.250		1.48		1.18B	31
TOTAL	21.052	13.190	32.922	527.67	100.10	89.84	19.480	10.888	20.444	37.034	83.830	136.03	TOTAL
MEAN	0.678	0.471	1.06	17.6	3.23	2.32	0.628	0.345	0.681	1.19	2.79	4.45	MEAN
MAX	0.910	0.558	7.00	41.1	7.77	8.62	1.04	0.585	3.25	3.26	10.7	27.6	MAX
MIN	0.542	0.400	0.321	5.74	1.23	1.04	0.407	0.228	0.203	0.599	0.980	1.18	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.94
MAXIMUM DAILY, 41.1B ON APR 2
MINIMUM DAILY, 0.203 ON SEP 7
MAXIMUM INSTANTANEOUS,
50.8 AT 14:01 AST ON DEC 1

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 57 28 N
LONG 64 52 44 W
DRAINAGE AREA, 129 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 620	JUL	1 880
FEB	1 140	AUG	923
MAR	2 840	SEP	1 770
APR	45 800	OCT	3 200
MAY	8 850	NOV	7 230
JUN	8 020	DEC	11 600

TOTAL DISCHARGE, 93 800 dam³

NEW BRUNSWICK

UPSALQUITCH RIVER AT UPSALQUITCH - STATION NO. 01BE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.2 B	7.548	5.008	151 B	51.2	19.1	14.0	8.88	5.28	7.11	9.92	35.3	1
2	10.0 B	7.478	5.668	209	47.2	18.0	13.5	8.88	5.52	7.97	9.84	83.6	2
3	9.858	7.408	5.738	208	43.2	16.4	11.7	8.65	5.50	8.07	8.44	84.4	3
4	9.708	7.328	5.898	197	38.9	15.3	11.8	10.0	5.39	8.03	8.52	70.8	4
5	9.808	7.268	5.868	203	36.4	15.7	13.3	11.0	5.80	8.83	10.6	68.8	5
6	9.488	7.178	5.618	197	36.2	16.3	12.8	10.0	5.83	9.22	12.7	64.8	6
7	9.408	7.108	5.678	207	40.0	15.6	11.2	8.41	5.30	8.83	12.3	53.1	7
8	9.328	7.028	5.538	204	43.0	14.9	10.1	7.87	5.17	9.13	10.7	45.8	8
9	9.248	6.958	5.498	181	38.0	14.4	9.60	7.24	5.85	11.2	10.5 B	46.08	9
10	9.168	6.888	5.458	161	36.9	14.2	9.84	7.21	7.89	10.4	10.7	41.9	10
11	9.088	6.818	5.418	151	35.7	14.1	9.51	8.86	8.78	9.80	10.7	40.2	11
12	9.008	6.748	5.378	146	35.7	13.9	9.10	7.49	7.95	9.04	10.3	36.9	12
13	8.928	6.678	5.338	135	36.6	13.4	8.84	7.73	7.41	8.78	10.1 B	33.9	13
14	8.848	6.608	5.298	125	32.8	12.5	8.42	8.89	8.04	8.71	9.808	30.6	14
15	8.768	6.538	5.258	115	31.6	12.2	8.42	8.46	13.2	8.47	9.408	28.5	15
16	8.688	6.468	5.508	109	34.9	12.6	8.28	8.70	11.6	8.36	9.208	25.08	16
17	8.608	6.388	6.008	107	32.2	11.4	8.11	7.25	9.77	8.55	9.008	24.08	17
18	8.528	6.318	6.258	114	30.0	10.8	8.18	7.74	8.67	8.30	12.8	22.88	18
19	8.458	6.248	6.708	126	29.0	10.7	8.11	7.44	8.03	8.33	12.7	21.08	19
20	8.368	6.178	7.108	124	27.6	10.7	7.88	7.55	7.56	8.51	10.7	20.08	20
21	8.318	6.108	7.708	112	26.1	10.2	7.92	8.57	7.23	8.31	9.608	19.88	21
22	8.248	6.028	8.508	104	25.2	9.75	8.11	8.13	7.35	8.41	9.008	18.68	22
23	8.178	5.958	10.0 B	91.7	24.4	9.68	7.87	8.47	8.70	8.39	8.608	17.98	23
24	8.108	5.888	12.0 B	84.3	24.5	9.49	7.95	10.8	8.48	8.22	8.208	17.08	24
25	8.038	5.818	15.0 B	76.4	22.8	9.30	8.37	9.22	7.84	8.80	8.008	16.88	25
26	7.968	5.748	24.0 B	68.2	21.7	9.38	8.88	8.13	7.37	11.5	7.708	15.78	26
27	7.898	5.678	29.0 B	61.0	20.8	9.31	9.45	7.80	7.28	11.5	7.508	15.08	27
28	7.828	5.608	33.0 B	56.2	19.8	12.9	8.96	7.14	7.26	10.2	7.308	14.68	28
29	7.758		40.0 B	53.8	19.3	18.6	7.77	6.68	7.13	10.0	7.108	14.08	29
30	7.688		49.0 B	52.4	18.7	12.7	7.40	6.53	6.94	10.5	10.1 B	13.68	30
31	7.618		81.0 B		18.7		7.82	6.29		10.5		13.08	31
TOTAL	270.75	183.77	434.98	3 932.0	984.7	393.70	292.74	246.38	229.02	281.39	294.02	1 082.8	TOTAL
MEAN	8.73	6.56	14.0	131	31.8	13.1	9.44	8.01	7.63	9.08	9.80	34.3	MEAN
MAX	10.2	7.84	81.0	209	51.2	19.1	14.0	11.0	13.2	11.5	12.8	83.6	MAX
MIN	7.61	5.80	5.25	52.4	18.7	9.30	7.40	6.29	5.17	7.11	7.10	13.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 33.8
MAXIMUM DAILY, 209 ON APR 2
MINIMUM DAILY, 5.17 ON SEP 8
MAXIMUM INSTANTANEOUS,
223 AT 01:24 AST ON APR 3

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 49 54 N
LONG 66 52 54 W
DRAINAGE AREA, 2 270 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	23 400	JUL	25 300
FEB	15 900	AUG	21 500
MAR	37 500	SEP	19 800
APR	340 000	OCT	24 300
MAY	85 100	NOV	25 400
JUN	34 000	DEC	81 600

TOTAL DISCHARGE, 744 000 dam³

WALKER BROOK AT CAMPBELLTON - STATION NO. 01BJ005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.2958	0.2338	0.1358	3.90	1.58	0.485	0.658	0.228	0.117	0.150	0.210	3.39	1
2	0.2888	0.2288	0.1378	3.86	1.40	0.453	0.413	0.241	0.123	0.141	0.158	2.68	2
3	0.2788	0.2238	0.1428	4.02	1.29	0.431	0.378	0.318	0.119	0.176	0.167	1.80	3
4	0.2708	0.2188	0.1488	4.65	1.21	0.428	0.506	0.341	0.104	0.187	0.209	1.26	4
5	0.262	0.2148	0.1588	5.26	1.12	0.442	0.624	0.327	0.102	0.208	0.354	1.17	5
6	0.252	0.2108	0.1468	5.47	1.01	0.426	0.460	0.245	0.097	0.181	0.381	1.02	6
7	0.252	0.2068	0.1448	5.79	1.54	0.398	0.381	0.200	0.095	0.112	0.282	0.938	7
8	0.2468	0.2028	0.1418	5.88	1.30	0.383	0.343	0.193	0.103	0.337	0.269	0.895	8
9	0.2408	0.1988	0.139	4.75	1.16	0.377	0.321	0.185	0.169	0.276	0.240	0.806	9
10	0.2358	0.1948	0.1368	4.45	1.15	0.361	0.317	0.169	0.250	0.231	0.224	0.774	10
11	0.2318	0.1908	0.1348	4.58	1.12	0.313	0.295	0.182	0.182	0.232	0.202	0.738	11
12	0.2278	0.1868	0.1318	4.59	1.32	0.295	0.272	0.171	0.144	0.176	0.189	0.688	12
13	0.2238	0.1628	0.1288	4.32	1.18	0.274	0.249	0.158	0.136	0.181	0.206	0.649	13
14	0.2198	0.1788	0.1268	3.99	1.03	0.259	0.243	0.143	0.485	0.186	0.201	0.6408	14
15	0.2158	0.1748	0.1228	3.81	1.07	0.313	0.233	0.135	0.345	0.184	0.183	0.6108	15
16	0.2128	0.1708	0.1188	4.13	1.08	0.288	0.218	0.188	0.225	0.181	0.168	0.5808	16
17	0.2088	0.1688	0.1168	4.54	0.858	0.259	0.204	0.185	0.177	0.147	0.187	0.5508	17
18	0.2058	0.1628	0.1208	5.47	0.833	0.222	0.195	0.250	0.169	0.144	0.231	0.5308	18
19	0.2038	0.1588	0.125	7.88	0.892	0.236	0.188	0.187	0.145	0.150	0.231	0.5108	19
20	0.2028	0.1558	0.156	7.02	0.828	0.263	0.158	0.188	0.130	0.144	0.208	0.4908	20
21	0.2008	0.1518	0.186	6.31	0.785	0.207	0.177	0.185	0.128	0.157	0.218	0.4708	21
22	0.1988	0.1488	0.276	5.17	0.723	0.203	0.188	0.167	0.137	0.187	0.188	0.4508	22
23	0.2478	0.1458	0.363	4.11	0.750	0.196	0.191	0.189	0.141	0.180	0.178	0.4308	23
24	0.2768	0.1428	0.480	3.81	0.894	0.177	0.203	0.155	0.136	0.157	0.210	0.4108	24
25	0.2718	0.1398	0.620	2.89	0.853	0.174	0.184	0.154	0.120	0.281	2.188	0.3988	25
26	0.2648	0.1368	0.739	2.47	0.825	0.175	0.182	0.145	0.163	0.341	0.1708	0.3808	26
27	0.2588	0.1378	0.818	2.17	0.668	0.167	0.207	0.134	0.180	0.298	0.1878	0.3628	27
28	0.2538	0.136	1.10	1.86	0.872	0.730	0.185	0.126	0.169	0.247	0.1848	0.3488	28
29	0.2488		1.55	1.78	0.880	0.432	0.178	0.126	0.161	0.231	0.1818	0.3308	29
30	0.2438		2.17	1.78	0.840	0.748	0.191	0.129	0.138	0.223	0.280	0.3208	30
31	0.2388		3.33		0.838		0.213	0.114		0.207		0.3108	31
TOTAL	7.459	4.883	14.415	131.41	30.280	10.120	8.737	5.815	4.798	6.083	8.444	24.730	TOTAL
MEAN	0.241	0.178	0.465	4.38	0.976	0.337	0.282	0.188	0.160	0.196	0.215	0.798	MEAN
MAX	0.295	0.233	3.33	7.88	1.58	0.748	0.658	0.341	0.485	0.341	0.381	3.39	MAX
MIN	0.188	0.138	0.118	1.78	0.838	0.174	0.158	0.114	0.095	0.113	0.148	0.310	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.859
MAXIMUM DAILY, 7.88 ON APR 19
MINIMUM DAILY, 0.095 ON SEP 7
MAXIMUM INSTANTANEOUS,
8.08 AT 18:48 AST ON APR 19

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 47 58 17 N
LONG 66 41 48 W
DRAINAGE AREA, 50.8 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	644	JUL	755
FEB	431	AUG	502
MAR	1 250	SEP	415
APR	11 400	OCT	524
MAY	2 810	NOV	557
JUN	874	DEC	2 140

TOTAL DISCHARGE, 22 100 dam³

ANNAPOLIS RIVER AT LAWRENCETOWN - STATION NO. 01DC007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	15.8 B	8.908	5.788	186	31.6	13.7	8.89	4.91	1.87	5.89	23.5	117	1
2	77.4 B	8.658	9.728	205	26.0	13.8	7.86	3.80	1.89	14.9	19.7	126	2
3	18.7 B	8.548	5.858	177	21.7	12.0	7.80	3.51	1.86	15.5	17.2	104	3
4	19.8 B	8.378	5.828	148	20.0	10.7	8.71	4.31	1.78	46.5	18.1	80.8	4
5	19.8 B	8.228	5.588	138	19.3	10.6	8.76	3.26	1.89	42.5	14.8	83.3	5
6	18.7 B	8.048	5.858	126	27.4	12.4	9.95	3.87	1.87	21.4	14.1	81.2	6
7	18.1 B	7.838	5.828	141	27.5	18.8	8.76	3.80	1.81	23.2	13.3	43.6	7
8	17.4 B	7.768	5.488	133	25.7	16.5	8.22	3.21	1.68	18.9	12.3	37.4	8
9	16.7 B	7.658	5.488	107	23.3	17.8	7.29	2.90	1.90	16.8	11.2	32.8	9
10	16.0 B	7.508	5.448	81.1	21.4	21.8	8.31	2.71	3.12	14.9	11.2	30.2	10
11	15.3 B	7.388	5.428	86.7	19.2	22.3	5.63	2.55	2.75	12.9	11.4	29.1A	11
12	14.8 B	7.248	5.418	80.6	17.7	20.2	5.32	2.36	2.46	12.5	16.6	37.6E	12
13	14.2 B	7.158	5.408	67.8	17.3	21.0	7.68	2.18	3.12	11.6	32.1	33.0E	13
14	13.7 B	7.038	5.398	50.5	16.1	23.7	6.52	2.05	2.38	10.4	30.1	29.9E	14
15	13.3 B	6.948	5.388	43.7	12.6	31.0	6.81	2.17	3.35	9.07	27.0	27.5E	15
16	12.9 B	6.838	5.378	39.6	13.2	26.0	7.16	2.02	3.12	8.17	24.0	25.2E	16
17	12.7 B	6.758	5.368	37.3	15.2	21.0	6.68	1.93	5.83	7.68	20.8	22.7E	17
18	12.3 B	6.638	5.388	36.0	14.6	18.2	4.46	1.88	8.67	7.25	18.6	20.7E	18
19	12.1 B	6.578	5.358	35.3	13.8	14.2	4.81	1.75	4.75	8.73	18.6	18.8E	19
20	11.7 B	6.488	5.348	34.1	13.1	12.7	5.71	1.72	4.08	8.43	21.0	18.9E	20
21	11.3 B	6.388	5.348	30.9	13.0	11.9	4.58	1.86	20.5	8.09	40.7	18.3E	21
22	11.2 B	6.328	10.4 B	28.6	12.5	11.1	5.77	1.83	49.3	18.3	48.2	17.7E	22
23	10.8 B	6.228	22.1 B	28.0	17.5	10.8	5.67	2.98	34.7	17.0	38.9	17.0E	23
24	10.6 B	6.188	46.0 B	26.3	20.0	10.5	5.12	2.98	24.5	13.2	35.6	18.4E	24
25	10.4 B	6.088	53.6 B	23.0	17.8	11.8	8.03	2.46	18.5	11.8	36.9	16.9E	25
26	10.2 B	6.008	76.0 B	21.0	18.0	10.9	6.27	2.11	14.3	17.5	35.8	15.7E	26
27	9.808	5.948	81.6 B	17.2	14.8	10.3	7.96	1.92	11.8	18.3	34.0	15.3E	27
28	9.678	5.888	113 B	15.7	14.2	9.53	7.80	1.71	9.55	13.7	31.7	14.8E	28
29	9.508		110 B	20.9	13.8	9.81	6.67	1.75	8.36	26.3	28.7	14.7E	29
30	9.248		120 B	30.5	12.2	9.64	6.37	1.83	7.21	35.1	30.9	14.4E	30
31	9.178		131 B		10.9		5.96	1.82		28.4		14.3E	31
TOTAL	423.20	199.58	878.83	2 138.8	559.6	484.18	215.21	78.34	265.41	525.71	738.5	1 125.1	TOTAL
MEAN	13.7	7.13	28.3	71.3	18.1	16.5	6.94	2.58	8.51	17.0	24.6	36.3	MEAN
MAX	19.8	8.90	131	205	31.6	31.0	9.95	4.91	49.3	46.5	48.2	126	MAX
MIN	9.17	5.88	5.34	15.7	10.9	9.53	4.46	1.63	1.58	8.09	11.2	14.3	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 20.6
MAXIMUM DAILY, 205 ON APR 2
MINIMUM DAILY, 1.58 ON SEP 8
MAXIMUM INSTANTANEOUS,
207 AT 07 54 AST ON APR 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 52 02 N
LONG 65 09 56 W
DRAINAGE AREA, 1 020 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	38 800	JUL	18 800
FEB	17 200	AUG	6 850
MAR	75 800	SEP	22 100
APR	185 000	OCT	45 400
MAY	48 300	NOV	63 800
JUN	40 100	DEC	97 200

TOTAL DISCHARGE, 657 000 dam³

ANNAPOLIS RIVER AT WILMOT - STATION NO 01DC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.258	4.688	3.258	88.3	17.3	7.02	4.27	2.58	1.17	2.92	12.4	55.2	1
2	5.808	4.758	3.238	124	13.7	7.23	4.10	2.38	1.26	8.98	10.1	74.8	2
3	5.438	4.688	3.218	103	11.2	5.77	3.87	2.04	1.27	8.65	8.55	81.1	3
4	5.958	4.588	3.188	87.3	9.83	4.84	3.81	1.90	1.18	25.2	7.97	42.1	4
5	10.2 B	4.508	3.188	83.0	9.26	4.59	5.09	1.80	1.07	23.5	7.55	30.9	5
6	8.658	4.438	3.188	83.0	11.5	8.32	4.88	1.89	0.975	16.7	7.29	24.5	6
7	8.048	4.268	3.148	83.7	13.7	11.4	4.39	1.84	1.06	11.8	8.84	20.8	7
8	8.788	4.278	3.128	78.7	13.0	9.05	4.00	1.33	1.08	8.86	8.22	17.8	8
9	8.388	4.238	3.118	84.0	11.6	8.56	3.78	1.30	1.47	7.74	8.01	15.8	9
10	8.108	4.158	3.088	48.7	8.98	12.7	3.68	1.34	2.03	6.85	8.83	14.7	10
11	7.828	4.078	3.088	37.7	8.47	13.1	3.47	1.31	1.81	5.70	8.81	14.6	11
12	7.688	4.028	3.078	33.8	7.48	11.1	3.30	1.28	1.57	5.83	9.01	20.2	12
13	7.478	3.978	3.088	32.3	7.40	11.6	3.27	1.21	1.54	5.51	17.4	18.3 B	13
14	7.338	3.918	3.088	28.8	8.53	11.9	3.14	1.20	1.85	4.74	17.8	16.2 B	14
15	7.158	3.868	3.058	26.2	8.28	16.1	3.12	1.14	2.09	4.30	16.2	14.7 B	15
16	6.958	3.818	3.058	22.7	6.24	13.6	3.36	1.12	1.98	4.04	14.1	13.0 B	16
17	6.788	3.778	3.058	21.2	5.99	9.99	3.13	1.12	3.76	3.75	11.8	12.0 B	17
18	6.708	3.718	3.058	20.4	6.33	8.11	2.88	1.04	3.82	3.50	10.8	11.1 B	18
19	6.638	3.678	3.048	20.1	4.95	7.40	2.73	1.04	2.90	3.38	11.1	10.2 B	19
20	6.388	3.628	3.048	19.3	4.57	8.43	2.80	0.995	2.51	3.28	11.1	9.738	20
21	6.188	3.578	6.188	17.5	4.52	5.56	2.85	0.995	8.10	3.17	21.8	8.478	21
22	6.028	3.638	8.028	16.5	4.18	5.02	2.67	1.01	22.7	8.86	27.8	9.188	22
23	5.888	3.488	18.4 B	15.8	7.48	4.71	2.81	1.63	18.4	9.33	24.8	8.898	23
24	5.788	3.468	24.3 B	13.8	8.18	5.23	2.49	1.72	12.9	8.93	20.6	8.668	24
25	5.638	3.408	23.8 B	12.3	7.38	5.68	3.38	1.41	8.70	6.37	21.7	8.518	25
26	5.508	3.388	23.5 B	10.8	6.23	5.32	3.84	1.34	6.23	9.65	21.6	8.308	26
27	5.388	3.358	27.3 B	9.58	5.58	4.88	4.26	1.15	4.74	8.88	19.5	8.228	27
28	5.278	3.328	32.4 B	8.46	5.24	4.78	3.79	1.12	3.98	7.35	17.6	8.188	28
29	5.148		41.2	11.3	5.18	4.73	3.18	1.09	3.42	14.1	16.1	8.018	29
30	5.048		47.1	17.5	4.90	4.42	2.82	1.18	3.02	18.6	15.6	7.808	30
31	4.958		51.0		5.08		2.87	1.14		15.6		7.858	31
TOTAL	222.12	110.51	371.44	1 249.84	248.27	238.15	107.08	43.330	128.425	275.13	410.08	580.90	TOTAL
MEAN	7.17	3.95	12.0	41.7	8.04	7.94	3.45	1.40	4.28	8.88	13.7	18.1	MEAN
MAX	10.2	4.75	51.0	124	17.3	16.1	8.08	2.58	22.7	25.2	27.8	74.8	MAX
MIN	4.95	3.32	3.04	8.46	4.18	4.42	2.48	0.995	0.975	2.92	5.51	7.85	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 10.8
MAXIMUM DAILY, 124 ON APR 2
MINIMUM DAILY, 0.975 ON SEP 8
MAXIMUM INSTANTANEOUS,
128 AT 08 35 AST ON APR 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 56 59 N
LONG 65 01 47 W
DRAINAGE AREA, 545 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	19 200	JUL	9 250
FEB	8 550	AUG	3 740
MAR	32 100	SEP	11 100
APR	108 000	OCT	23 800
MAY	21 500	NOV	35 400
JUN	20 800	DEC	51 100

TOTAL DISCHARGE, 345 000 dam³

BEAVERBANK RIVER NEAR KINSAC - STATION NO. 01EG003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.37	1.56	0.165	9.78	5.14	0.731	0.553	0.253	0.039	0.857	6.00	11.0	1
2	2.07	1.43	0.247	14.2	4.85	0.858	0.522	0.214	0.053	0.862	5.10	19.5	2
3	2.26	1.23	0.246	18.8	3.99	0.832	0.468	0.214	0.049	0.818	4.15	14.2	3
4	2.72	1.10	0.242	17.0	3.19	0.742	0.419	0.206	0.049	1.31	3.29	9.83	4
5	2.91	0.987	0.223	16.1	2.60	0.669	0.638	0.185	0.035	1.92	2.73	7.44	5
6	2.66	0.884	0.180	16.1	2.47	0.655	0.621	0.168	0.032	1.95	2.29	5.81	6
7	2.36	0.807	0.226	20.1	3.07	0.848	0.535	0.135	0.026	1.70	1.97	4.53	7
8	2.13	0.774	0.228	18.5	3.57	0.781	0.469	0.126	0.026	1.79	1.80	3.57	8
9	1.94	0.697	0.196	14.0	3.24	0.820	0.398	0.105	0.037	2.31	1.40	2.91	9
10	1.65	0.675	0.213	10.6	2.64	1.12	0.363	0.090	0.069	2.25	1.21	2.52	10
11	1.80	0.648	0.205	8.52	2.23	1.33	0.303	0.103	0.072	2.04	1.19	2.30	11
12	2.06	0.600	0.170	7.16	1.98	1.15	0.288	0.112	0.073	1.90	2.26	3.77	12
13	2.37	0.556	0.166	6.14	1.86	1.06	0.273	0.107	0.071	1.78	5.76	4.86	13
14	2.32	0.555	0.165	5.37	1.85	1.12	0.258	0.100	0.113	1.57	6.30	4.47	14
15	2.09	0.506	0.158	4.61	1.44	2.01	0.234	0.081	0.288	1.24	5.47	3.74	15
16	1.87	0.450	0.183	3.84	1.35	2.34	0.229	0.068	0.332	1.02	4.60	3.28	16
17	1.80	0.431	0.192	3.55	1.25	2.11	0.181	0.070	0.483	0.889	3.72	3.08	17
18	1.64	0.385	0.172	3.23	1.11	1.77	0.184	0.058	0.656	0.779	3.04	2.84	18
19	1.41	0.343	0.173	2.98	1.04	1.45	0.122	0.049	0.778	0.744	2.68	2.29	19
20	1.44	0.324	0.186	2.98	0.890	1.17	0.102	0.034	0.759	0.818	2.55	2.05	20
21	1.33	0.287	0.323	2.84	0.784	0.972	0.088	0.031	1.23	0.585	5.88	1.93	21
22	1.19	0.227	0.822	2.73	0.708	0.795	0.084	0.025	3.80	0.943	9.89	2.03	22
23	1.70	0.228	1.72	2.62	0.611	0.690	0.080	0.053	4.65	1.53	9.14	2.08	23
24	3.32	0.238	2.81	2.30	1.02	0.597	0.068	0.055	4.38	1.74	7.12	2.07	24
25	4.02	0.204	4.12	2.03	1.04	0.522	0.073	0.047	3.54	1.72	6.08	1.94	25
26	3.75	0.197	5.03	1.76	0.867	0.471	0.140	0.037	2.72	1.69	5.92	1.89	26
27	3.20	0.199	5.83	1.47	0.856	0.397	0.336	0.040	2.21	1.54	5.58	1.87	27
28	2.70	0.185	7.28	1.27	0.781	0.483	0.335	0.038	1.69	1.36	4.80	1.83	28
29	2.23		8.26	1.68	0.705	0.561	0.310	0.038	1.29	2.84	4.03	1.40	29
30	1.85		9.58	3.73	0.644	0.548	0.295	0.040	1.02	5.74	3.34	1.39	30
31	1.80		10.3		0.613		0.279	0.040		8.00		1.38	31
TOTAL	68.18	16.665	60.119	225.91	58.478	28.591	8.190	2.922	30.388	53.935	126.66	133.20	TOTAL
MEAN	2.20	0.595	1.94	7.53	1.89	0.888	0.295	0.094	1.01	1.74	4.28	4.30	MEAN
MAX	4.02	1.56	10.3	20.1	5.14	2.34	0.638	0.253	4.65	8.00	9.89	19.5	MAX
MIN	1.18	0.185	0.158	1.27	0.613	0.397	0.048	0.025	0.026	0.566	1.19	1.38	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.24
MAXIMUM DAILY, 20.1 ON APR 7
MINIMUM DAILY, 0.025 ON AUG 22
MAXIMUM INSTANTANEOUS,
21.0 AT 17.02 AST ON APR 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 51 06 N
LONG 63 39 54 W
DRAINAGE AREA, 98.9 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 880	JUL	794
FEB	1 440	AUG	252
MAR	5 190	SEP	2 630
APR	19 500	OCT	4 880
MAY	5 050	NOV	11 100
JUN	2 560	DEC	11 500

TOTAL DISCHARGE, 70 600 dam³

CANAAN RIVER AT OUTLET OF CONNAUGHT LAKE - STATION NO. 01EH005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.27	1.57	0.283	8.28	2.99	0.536	0.653	0.192	0.032	0.874	4.37	4.08	1
2	1.97	1.41	0.333	8.07	3.11	0.537	0.671	0.172	0.036	0.883	3.70	13.9	2
3	2.06	1.25	0.362	9.80	2.79	0.538	0.600	0.148	0.040	0.895	3.05	10.3	3
4	2.37	1.15	0.348	9.52	2.42	0.485	0.740	0.132	0.030	1.13	2.52	7.24	4
5	2.42	1.08	0.342	9.32	2.14	0.437	0.652	0.114	0.030	1.57	2.26	5.48	5
6	2.32	1.00	0.327	10.1	2.08	0.440	0.653	0.126	0.030	1.80	1.91	4.14	6
7	2.19	0.950	0.307	13.1	2.67	0.470	0.615	0.142	0.027E	1.68	1.58	3.46	7
8	2.09	0.902	0.315	12.1	3.78	0.481	0.778	0.117	0.032	1.70	1.39	2.88	8
9	1.81	0.854	0.297	9.62	3.89	0.507	0.894	0.085	0.038	1.87	1.27	2.45	9
10	1.58	0.838	0.307	7.23	3.26	0.544	0.893	0.100	0.054	2.00	1.28	2.13	10
11	1.54	0.784	0.292	5.71	2.89	0.532	0.836	0.105	0.047	1.82	1.38	2.01	11
12	1.63	0.716	0.285	4.74	2.32	0.508	0.694	0.122	0.045	1.75	1.85	2.32	12
13	1.80	0.697	0.293	4.18	2.02	0.513	0.642	0.100	0.050	1.68	2.85	2.70	13
14	1.88	0.674	0.272	3.87	1.71	0.576	0.588	0.080	0.068	1.39	3.27	2.63	14
15	1.48	0.645	0.278	3.18	1.48	0.701	0.550	0.069	0.104	1.23	3.35	2.44	15
16	1.41	0.574	0.299	2.88	1.32	0.612	0.548	0.061	0.132	1.14	3.07	2.28	16
17	1.28	0.533	0.295	2.46	1.22	0.615	0.299	0.058	0.152	1.05	2.85	2.15	17
18	1.18	0.496	0.305	2.23	1.18	0.782	0.288	0.052	0.155	0.947	2.46	1.97	18
19	1.18	0.476	0.332	2.12	1.02	0.738	0.244	0.055	0.134	0.847	2.22	1.75	19
20	1.13	0.488	0.348	2.01	0.938	0.685	0.230	0.050	0.154	0.702	2.26	1.54	20
21	1.08	0.443	0.439	1.78	0.885	0.618	0.193	0.050	0.314	0.539	4.68	1.44	21
22	1.08	0.406	0.769	1.84	0.784	0.535	0.177	0.043	0.859	0.462	7.18	1.40	22
23	1.21	0.389	1.13	1.88	0.758	0.488	0.163	0.068	1.58	0.593	6.70	1.43	23
24	1.71	0.362	1.52	1.82	0.735	0.445	0.138	0.068	1.91	0.730	5.48	1.39	24
25	2.08	0.332	2.10	1.80	0.883	0.432	0.124	0.062	1.80	0.780	4.61	1.24	25
26	2.22	0.330	2.73	1.30	0.850	0.387	0.188	0.060	1.59	0.835	4.11	1.28	26
27	2.28	0.324	3.38	1.21	0.598	0.319	0.221	0.035	1.34	0.847	3.91	1.18	27
28	2.16	0.314	3.88	1.11	0.990	0.417	0.203	0.035	1.14	0.880	3.41	1.12	28
29	1.83		4.64	1.21	0.859	0.815	0.209	0.037	1.03	1.25	2.96	1.07	29
30	1.70		5.33	2.20	0.841	0.765	0.214	0.041	0.926	3.82	2.84	1.04	30
31	1.59		5.80		0.830		0.208	0.034		4.82		0.977	31
TOTAL	54.14	19.928	36.108	143.24	82.310	16.872	13.462	2.818	13.989	42.804	94.00	95.437	TOTAL
MEAN	1.75	0.712	1.23	4.77	1.89	0.562	0.434	0.084	0.466	1.37	3.13	3.08	MEAN
MAX	2.42	1.57	5.80	13.1	3.78	0.815	0.871	0.192	1.91	4.82	7.18	13.9	MAX
MIN	1.08	0.314	0.272	1.11	0.830	0.319	0.124	0.034	0.027	0.462	1.27	0.977	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.81
MAXIMUM DAILY, 13.8 ON DEC 2
MINIMUM DAILY, 0.027E ON SEP 7
MAXIMUM INSTANTANEOUS
14.9 AT 04.35 AST ON DEC 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 38 49 N
LONG 64 11 36 W
DRAINAGE AREA, 85.4 km²

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 880	JUL	1 180
FEB	1 720	AUG	226
MAR	3 230	SEP	1 210
APR	12 400	OCT	3 880
MAY	4 520	NOV	8 120
JUN	1 430	DEC	8 250

TOTAL DISCHARGE, 50 700 dam³

REMARKS - THE "E" FOR DISCHARGES BELOW 0.030 m³/s IS DUE TO STAGE DISCHARGE CURVE EXTENSION

CHETICAMP RIVER ABOVE ROBERT BROOK - STATION NO. 01FC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.858	1.478	1.148	11.1	26.5	3.68	2.69	2.02	2.02	4.36	11.4	11.5	1
2	2.788	1.468	1.148	30.3	16.2	3.25	2.43	1.78	3.30	44.8	8.08	15.7	2
3	2.678	1.448	1.148	45.3	21.2	3.78	2.36	1.82	3.23	16.1	6.15	8.57	3
4	2.608	1.428	1.138	36.1	23.3	3.81	2.17	2.02	2.85	22.8	14.4	6.01	4
5	2.538	1.408	1.138	46.2	20.8	3.28	2.22	1.86	3.18	12.8	12.3	5.24	5
6	2.468	1.388	1.138	41.3	30.4	2.36	2.21	1.78	1.86	7.78	15.0	5.81	6
7	2.388	1.388	1.138	30.1	72.8	4.17	2.08	1.66	1.92	5.83	10.5	5.10	7
8	2.338	1.388	1.128	22.8	36.3	3.81	1.92	1.80	1.80	4.82	7.00	4.88	8
9	2.278	1.348	1.128	34.8	25.5	3.01	1.84	1.50	1.97	5.88	8.48	4.15	9
10	2.208	1.328	1.128	26.5	23.3	4.53	1.88	1.88	3.42	8.46	15.8	3.85	10
11	2.158	1.318	1.118	18.0	21.5	5.50	2.17	4.82	3.84	8.20	9.04	3.80	11
12	2.098	1.308	1.118	13.9	20.2	5.51	2.88	2.84	2.71	4.13	18.2	3.468	12
13	2.048	1.288	1.118	10.2	24.1	39.4	2.08	1.87	2.26	3.81	33.0	3.408	13
14	2.008	1.288	1.108	8.33	15.1	13.0	2.00	1.73	2.37	3.56	13.6	3.308	14
15	1.958	1.278	1.108	7.30	13.0	6.01	1.92	1.59	25.2	3.36	18.6	3.208	15
16	1.928	1.288	1.108	7.72	13.3	7.35	2.17	1.71	6.78	3.10	10.5	3.228	16
17	1.888	1.258	1.258	8.30	8.78	5.46	1.95	4.81	8.34	2.90	7.49	3.028	17
18	1.848	1.248	1.438	41.7	7.78	4.43	1.88	2.85	17.7	2.90	14.1	2.988	18
19	1.808	1.238	1.578	114	8.44	3.71	1.87	2.21	6.33	4.86	22.8	2.908	19
20	1.768	1.228	1.798	81.8	8.71	3.58	1.78	1.71	5.11	3.86	10.5	2.858	20
21	1.728	1.218	2.208	76.4	4.96	3.23	1.77	5.13	3.85	4.37	30.1	2.808	21
22	1.688	1.208	3.208	86.8	5.23	2.87	1.78	3.82	7.88	18.8	37.2	2.768	22
23	1.658	1.198	5.88	30.0	8.32	2.62	1.82	14.2	6.87	18.7	13.8	2.738	23
24	1.628	1.188	4.72	31.6	5.47	2.75	1.78	8.18	7.03	8.94	8.70	2.708	24
25	1.608	1.178	4.80	27.9	4.38	8.85	1.81	5.78	5.83	8.74	9.08	2.678	25
26	1.588	1.168	5.88	19.8	3.92	3.86	1.82	4.71	5.74	20.4	7.73	2.648	26
27	1.568	1.158	8.03	14.3	3.70	3.15	1.85	3.77	12.5	11.1	8.13	2.618	27
28	1.548	1.158	9.46	11.7	3.52	3.38	1.70	2.80	12.1	6.77	5.24	2.588	28
29	1.528		7.41	12.3	3.86	4.43	1.67	2.35	8.84	23.5	4.74	2.558	29
30	1.508		8.47	27.8	3.32	3.24	1.64	2.31	4.81	25.1	4.33	2.538	30
31	1.498		8.41		3.42		1.85	2.17		11.5		2.488	31
TOTAL	61.98	38.00	88.95	970.75	487.21	184.63	61.85	89.23	184.84	323.15	383.80	131.32	TOTAL
MEAN	2.00	1.28	2.80	32.4	15.7	6.49	1.99	3.20	6.15	10.4	13.1	4.24	MEAN
MAX	2.85	1.47	9.46	114	72.8	39.4	2.88	14.2	25.2	44.8	37.2	15.7	MAX
MIN	1.49	1.15	1.10	7.30	3.32	2.26	1.57	1.50	1.80	2.90	4.33	2.49	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.23
MAXIMUM DAILY, 114 ON APR 19
MINIMUM DAILY, 1.108 ON MAR 14
MAXIMUM INSTANTANEOUS,
159 AT 03:85 AST ON APR 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 38 28 N
LONG 60 56 49 W
DRAINAGE AREA, 190 km²

B - ICE CONDITIONS

REGULATED SINCE 1978

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 350	JUL	5 330
FEB	3 110	AUG	8 570
MAR	7 770	SEP	16 000
APR	83 900	OCT	27 900
MAY	42 100	NOV	34 000
JUN	14 200	DEC	11 300

TOTAL DISCHARGE, 260 000 dam³

REMARKS - FLOWS SUPPLEMENTED BY RELEASES THROUGH RIPARIAN PIPE DURING LOW FLOW PERIODS

CHETICAMP RIVER BELOW ARTEMISE BROOK - STATION NO 01FC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	0.631	0.656	0.705	2.35	2.36	---	1
2	---	---	---	---	---	---	0.588	0.641	0.614	7.82	1.48	---	2
3	---	---	---	---	---	---	0.562	0.628	0.784	3.53	1.77	---	3
4	---	---	---	---	---	---	0.558	0.695	0.722	5.20	2.58	---	4
5	---	---	---	---	---	---	0.555	0.686	0.689	2.49	2.81	---	5
6	---	---	---	---	---	---	0.540	0.645	0.670	1.34	2.98	---	6
7	---	---	---	---	---	---	0.512	0.630	0.685	0.934	1.62	---	7
8	---	---	---	---	---	---	0.485	0.608	0.651	0.811	1.37	---	8
9	---	---	---	---	---	0.594	0.468	0.605	0.726	1.77	2.86	---	9
10	---	---	---	---	---	1.01	0.939	1.56	1.55	1.44	3.18	---	10
11	---	---	---	---	---	1.03	1.17	1.48	1.50	1.03	---	---	11
12	---	---	---	---	---	1.00	0.988	0.882	1.01	0.788	---	---	12
13	---	---	---	---	---	8.61	0.758	0.728	0.857	0.888	---	---	13
14	---	---	---	---	---	2.38	0.880	0.874	2.38	0.830	---	---	14
15	---	---	---	---	---	1.48	0.887	0.857	5.25	0.876	---	---	15
16	---	---	---	---	---	1.37	0.875	0.813	2.18	0.826	---	---	16
17	---	---	---	---	---	0.891	0.885	1.08	1.88	0.888	---	---	17
18	---	---	---	---	---	0.872	0.885	0.832	2.23	0.844	---	---	18
19	---	---	---	---	---	0.838	0.848	0.706	1.18	0.837	---	---	19
20	---	---	---	---	---	0.478	0.834	0.883	0.887	0.828	---	---	20
21	---	---	---	---	---	0.410	0.841	0.888	0.718	1.05	---	---	21
22	---	---	---	---	---	0.378	0.848	0.778	3.11	3.82	---	---	22
23	---	---	---	---	---	0.382	0.849	2.70	2.89	2.77	---	---	23
24	---	---	---	---	---	0.881	0.841	1.38	1.58	1.78	---	---	24
25	---	---	---	---	---	1.56	0.841	1.12	1.04	1.83	---	---	25
26	---	---	---	---	---	0.800	0.840	1.87	1.15	4.26	---	---	26
27	---	---	---	---	---	0.854	0.838	1.13	3.48	1.68	---	---	27
28	---	---	---	---	---	1.14	0.821	0.878	2.88	1.15	---	---	28
29	---		---	---	---	1.32	0.813	0.793	1.48	8.75	---	---	29
30	---		---	---	---	0.784	0.815	0.788	0.844	4.15	---	---	30
31	---		---		---		0.838	0.718		2.84		---	31
TOTAL	---	---	---	---	---	---	19.868	26.847	46.170	87.808	---	---	TOTAL
MEAN	---	---	---	---	---	---	0.844	0.924	1.54	2.18	---	---	MEAN
MAX	---	---	---	---	---	---	1.17	2.70	5.25	8.75	---	---	MAX
MIN	---	---	---	---	---	---	0.488	0.605	0.651	0.488	---	---	MIN

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 37 02 N
LONG 60 44 03 W
DRAINAGE AREA, 37.0 km²

REGULATED SINCE 1978

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	1 720
FEB	---	AUG	2 480
MAR	---	SEP	3 990
APR	---	OCT	8 680
MAY	---	NOV	---
JUN	---	DEC	---

REMARKS - FLOWS SUPPLEMENTED BY RELEASES THROUGH RIPARIAN PIPE IN DAM DURING PERIODS OF LOW FLOW

NOVA SCOTIA

CLAM HARBOUR RIVER NEAR BIRCHTOWN - STATION NO. 01ER001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.9008	2.01 B	0.0778	4.038	5.80	0.225	0.868	0.017	0.007	0.782	4.15	3.08	1
2	0.8308	1.53 B	0.0708	8.508	3.80	0.209	0.738	0.014	0.008	4.03	3.54	3.85	2
3	1.08 B	1.21 B	0.0688	7.908	2.73	0.181	0.525	0.014	0.007	2.48	2.84	2.80	3
4	0.9408	0.9208	0.0888	9.508	2.08	0.148	0.383	0.011	0.008	4.52	3.75	1.57	4
5	0.8508	0.7608	0.0648	8.408	1.59	0.133	0.284	0.012	0.008	3.89	5.23	1.70	5
6	0.7808	0.6408	0.0628	7.408	1.32	0.203	0.388	0.012	0.008	2.68	5.62	1.77	6
7	0.7308	0.5458	0.0608	11.3	1.80	0.988	0.300	0.008	0.005	1.91	4.10	1.72	7
8	0.6858	0.4708	0.0588	10.3	1.37	0.708	0.204	0.008	0.003	1.58	2.70	1.33	8
9	0.7808	0.4308	0.0568	7.81	1.08	0.824	0.188	0.008	0.050	1.63	2.00	0.884	9
10	0.8508	0.3928	0.0548	5.84	0.880	0.702	0.162	0.008	0.824	1.34	1.84	0.8008	10
11	0.5608	0.3608	0.0528	4.68	0.758	0.548	0.130	0.009	0.337	0.972	1.43	0.901	11
12	0.6958	0.3288	0.0518	4.18	0.829	0.573	0.122	0.043	0.184	0.954	7.14	2.55	12
13	0.5708	0.3058	0.0508	3.59	0.817	0.558	0.108	0.044	0.100	0.833	8.83	3.38	13
14	0.5208	0.2838	0.0498	2.87	0.548	0.589	0.088	0.026	1.07	0.713	5.38	2.78	14
15	0.4758	0.2658	0.0488	2.28	0.427	0.550	0.071	0.020	5.85	0.592	3.97	2.24	15
16	0.4388	0.2478	0.0478	1.83	0.432	0.503	0.078	0.013	2.03	0.518	3.08	1.78	16
17	0.3978	0.2368	0.0488	1.77	0.428	0.418	0.083	0.012	3.04	0.467	2.07	1.80 B	17
18	0.3788	0.2218	0.0488	2.38	0.373	0.344	0.084	0.013	3.40	0.383	1.85	1.30 B	18
19	0.3708	0.2088	0.1888	7.08	0.317	0.279	0.047	0.010	2.18	0.343	1.48	1.17 B	19
20	0.3528	0.1908	0.2408	5.88	0.288	0.211	0.041	0.008	1.51	0.330	1.29	1.08 B	20
21	0.3378	0.1758	0.4008	5.80	0.248	0.182	0.034	0.007	1.44	0.530	3.71	1.00 B	21
22	0.3248	0.1608	0.5808	5.89	0.198	0.160	0.034	0.008	2.82	1.81	5.21	0.9108	22
23	0.3088	0.1328	0.6908	5.88	0.237	0.140	0.029	0.010	2.38	2.44	3.61	0.8608	23
24	0.6908	0.1208	0.7308	4.04	0.263	0.164	0.030	0.012	1.89	1.80	2.45	0.8008	24
25	1.53 B	0.1118	0.4408	3.40	0.215	0.308	0.032	0.010	1.29	1.34	1.89	0.7508	25
26	1.17 B	0.1058	0.5808	2.84	0.188	0.212	0.030	0.010	0.888	4.13	1.51	0.7008	26
27	0.9008	0.0858	1.80 B	2.05	0.150	0.187	0.032	0.007	0.777	2.88	1.21	0.6558	27
28	0.7858	0.0658	3.25 B	1.57	0.139	2.48	0.031	0.006	0.686	2.07	1.00	0.6208	28
29	0.6808		5.35 B	3.71	0.141	2.72	0.024	0.005	0.493	5.83	0.873	0.5908	29
30	0.8358		5.20 B	7.88	0.138	1.47	0.015	0.007	0.418	6.37	0.786	0.5558	30
31	1.01 B		4.55 B		0.154		0.013	0.007		4.22		0.5358	31
TOTAL	21.518	12.524	26.081	162.85	28.782	19.783	5.283	0.384	33.345	84.218	84.019	48.570	TOTAL
MEAN	0.884	0.447	0.841	5.42	0.928	0.559	0.170	0.013	1.11	2.07	3.13	1.50	MEAN
MAX	1.53	2.01	5.35	11.3	5.80	2.72	0.868	0.044	5.85	6.37	8.83	3.85	MAX
MIN	0.309	0.086	0.045	1.57	0.138	0.133	0.013	0.005	0.003	0.330	0.786	0.535	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.40
MAXIMUM DAILY, 11.3 ON APR 7
MINIMUM DAILY, 0.003 ON SEP 8
MAXIMUM INSTANTANEOUS,
13.4 AT 19.29 AST ON NOV 12

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 28 06 N
LONG 61 27 36 W
DRAINAGE AREA, 45.1 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 650	JUL	455
FEB	1 060	AUG	34.0
MAR	2 250	SEP	2 580
APR	14 100	OCT	8 550
MAY	2 490	NOV	8 120
JUN	1 450	DEC	4 020

TOTAL DISCHARGE, 44 300 dam³

EAST RIVER AT ST MARGARETS BAY - STATION NO 01EH003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.744	0.875	0.1708	2.01	1.28	0.279	0.155	0.080	0.025	0.320E	1.09 E	2.28	1
2	0.740	0.829	0.1678	2.52	1.24	0.283	0.158	0.081	0.026	0.280E	0.950E	3.90	2
3	0.845	0.881	0.1578	2.92	1.09	0.306	0.150	0.086	0.026	0.250E	0.655E	3.23	3
4	1.24	0.610	0.1658	2.62	0.951	0.284	0.169	0.082	0.024	0.235E	0.760E	2.29	4
5	1.20	0.480	0.1638	2.85	0.830	0.277	0.155	0.081	0.022	0.330E	0.685E	1.81	5
6	1.09	0.4385	0.1628	3.33	0.777	0.276	0.232	0.086	0.022	0.480E	0.578E	1.50	6
7	0.988	0.4078	0.1618	5.65	0.838	0.278	0.218	0.086	0.043	0.480E	0.500E	1.27	7
8	0.884	0.380	0.1608	5.01	0.861	0.281	0.217	0.082	0.083	0.415E	0.420E	1.08	8
9	0.784	0.353	0.1608	3.89	0.824	0.339	0.188	0.071	0.058	0.435E	0.377E	0.920	9
10	0.700	0.3488	0.1628	2.75	0.788	0.383	0.181	0.075	0.075	0.580E	0.345E	0.882	10
11	0.725	0.3288	0.1658	2.17	0.868	0.388	0.185	0.073	0.093	0.500E	0.320E	0.838	11
12	0.877	0.3108	0.1688	1.78	0.858	0.402	0.185	0.071	0.105	0.450E	0.649A	1.21	12
13	0.840	0.2988	0.1718	1.57	0.878	0.381	0.178	0.068	0.101	0.380E	0.872A	1.84	13
14	0.868	0.2808	0.1758	1.39	0.834	0.382	0.168	0.036	0.129	0.340E	0.840	1.55	14
15	0.782	0.263	0.1788	1.21	0.695	0.388	0.168	0.038	0.173	0.310E	0.881	1.35	15
16	0.730	0.252	0.1638	1.10	0.488	0.350	0.159	0.042	0.210	0.280E	0.817	1.18	16
17	0.839	0.2478	0.1908	1.03	0.434	0.318	0.152	0.038	0.272	0.255E	0.825	1.17	17
18	0.881	0.2328	0.1988	0.941	0.401	0.288	0.142	0.038	0.298	0.235E	0.756	1.07	18
19	0.808	0.2208	0.2108	0.868	0.380	0.279	0.175	0.036	0.315	0.225E	0.718	0.9188	19
20	0.608	0.207	0.233	0.826	0.350	0.231	0.185	0.037	0.291	0.215E	0.701	0.8058	20
21	0.582	0.2028	0.288	0.787	0.328	0.208	0.188	0.028	0.384	0.208E	1.18	0.738	21
22	0.553	0.1848	0.739	0.768	0.308	0.205	0.183	0.024	0.891	0.285E	1.82	0.745	22
23	0.824	0.188	1.23	0.780	0.325	0.178	0.165	0.023	0.932	0.420E	1.83	0.771	23
24	1.18	0.1838	1.35	0.727	0.323	0.176	0.178	0.023	0.847	0.810E	1.55	0.788	24
25	1.13 B	0.1818	1.44	0.888	0.318	0.172	0.174	0.023	0.819	0.580E	1.38	0.744	25
26	1.03 B	0.1788	1.48	0.840	0.307	0.168	0.183	0.023	0.702	0.505E	1.33	0.693	26
27	0.8758	0.1768	1.87	0.852	0.293	0.164	0.118	0.025	0.603	0.455E	1.31	0.6858	27
28	0.685	0.1738	2.01	0.888	0.282	0.136	0.089	0.027	0.492	0.403E	1.18	0.6558	28
29	0.7788		2.13	0.808	0.284	0.148	0.083	0.028	0.428	0.550E	1.02	0.6588	29
30	0.7208		2.28	1.02	0.288	0.140	0.080	0.033	0.383	0.800E	0.913	0.6448	30
31	0.693		2.28		0.295		0.081	0.028		1.19 E		0.5248	31
TOTAL	25.800	8.878	20.615	53.432	17.744	8.075	5.158	1.434	8.770	12.858	27.720	38.142	TOTAL
MEAN	0.835	0.317	0.688	1.78	0.572	0.269	0.166	0.046	0.292	0.415	0.924	1.23	MEAN
MAX	1.24	0.878	2.28	5.65	1.28	0.402	0.233	0.081	0.847	1.18	1.83	3.90	MAX
MIN	0.553	0.173	0.180	0.488	0.282	0.136	0.083	0.023	0.024	0.208	0.320	0.524	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.828
MAXIMUM DAILY, 5.65 ON APR 7
MINIMUM DAILY, 0.023 ON AUG 23
MAXIMUM INSTANTANEOUS,
6.21 AT 10.32 AST ON APR 7

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 41 06 N
LONG 63 52 18 W
DRAINAGE AREA, 26.9 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	2 240	JUL	448
FEB	787	AUG	124
MAR	1 780	SEP	758
APR	4 630	OCT	1 110
MAY	1 630	NOV	2 400
JUN	898	DEC	3 300

TOTAL DISCHARGE, 18 800 dam³

FRASER BROOK NEAR ARCHIBALD - STATION NO. 01DH003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.084	0.0398	0.0288	1.10 B	0.200E	0.081	0.025	0.007	0.008	0.085	0.418	1.12	1
2	0.075	0.0388	0.0288	2.70 B	0.143E	0.080	0.017	0.008	0.033	0.334	0.312	0.820	2
3	0.106	0.0388	0.0288	1.83	0.127E	0.038	0.014	0.009	0.018	0.180	0.287	0.486	3
4	0.117	0.0378	0.0288	1.27	0.108E	0.026	0.015	0.013	0.011	0.360	0.264	0.328	4
5	0.099	0.0378	0.0288	1.17	0.102E	0.024	0.042	0.010	0.009	0.275	0.251	0.297	5
6	0.088	0.0368	0.0288	1.06	0.190E	0.081	0.029	0.008	0.008	0.187	0.202	0.267	6
7	0.082	0.0358	0.0288	0.808	0.252A	0.148	0.017	0.007	0.007	0.112	0.184	0.224	7
8	0.084	0.0358	0.0288	0.728	0.185E	0.082	0.011	0.008	0.028	0.204	0.180	0.188	8
9	0.087	0.0348	0.0288	0.641	0.180E	0.101	0.009	0.008	0.150	0.188	0.148	0.184	9
10	0.075	0.0348	0.0288	0.574	0.127E	0.127	0.008	0.008	0.250	0.126	0.137	0.161	10
11	0.0888	0.0338	0.0288	0.504	0.108E	0.084	0.008	0.012	0.080	0.104	0.130	0.143	11
12	0.0878	0.0338	0.0248	0.421	0.107E	0.071	0.007	0.010	0.044	0.123	1.27	0.191	12
13	0.0858	0.0328	0.0248	0.368	0.127A	0.181	0.007	0.008	0.027	0.097	0.837	0.164	13
14	0.0828	0.0328	0.0248	0.289	0.091	0.155	0.006	0.007	0.400	0.078	0.511	0.141	14
15	0.0898	0.0318	0.0248	0.254	0.073	0.178	0.005	0.006	0.500	0.070	0.481	0.120	15
16	0.0888	0.0318	0.0248	0.228	0.124	0.104	0.004	0.007	0.135	0.084	0.324	0.113	16
17	0.0868	0.0308	0.0248	0.218	0.092	0.084	0.003	0.011	0.150	0.058	0.286	0.1108	17
18	0.0848	0.0308	0.0248	0.222	0.088	0.048	0.003	0.008	0.120	0.056	0.280	0.1088	18
19	0.0828	0.0298	0.0288	0.220	0.081	0.037	0.002	0.005	0.100	0.081	0.220	0.1028	19
20	0.0818	0.0298	0.0298	0.180	0.065	0.032	0.002	0.004	0.078	0.055	0.280	0.1038	20
21	0.0498	0.0288	0.0378	0.167	0.047	0.025	0.002	0.004	0.227	0.051	0.570	0.1268	21
22	0.0488	0.0288	0.0488	0.218	0.042	0.020	0.004	0.004	0.985	0.510	0.478	0.113	22
23	0.0478	0.0288	0.0608	0.171	0.089	0.018	0.008	0.110	0.438	0.278	0.318	0.094	23
24	0.0468	0.0288	0.0788	0.145	0.071	0.032	0.011	0.020	0.259	0.181	0.386	0.080	24
25	0.0458	0.0278	0.1028	0.128	0.061	0.082	0.020	0.015	0.186	0.204	0.841	0.085	25
26	0.0448	0.0278	0.1408	0.107	0.040	0.030	0.042	0.010	0.117	0.463	0.392	0.0858	26
27	0.0438	0.0278	0.1858	0.0928A	0.033	0.022	0.043	0.008	0.088	0.237	0.302	0.0628	27
28	0.0428	0.0278	0.2808	0.1088E	0.040	0.125	0.025	0.007	0.089	0.175	0.243	0.0598	28
29	0.0418		0.3808	0.1708E	0.047	0.074	0.016	0.008	0.059	1.70	0.208	0.0578	29
30	0.0408		0.5608	0.2708E	0.042	0.038	0.098	0.008	0.053	0.872	0.207	0.0558	30
31	0.0408		0.7508		0.085		0.008	0.009		0.585		0.0548	31
TOTAL	1.993	0.893	3.138	16.147	2.080	2.129	0.509	0.352	4.596	7.984	10.498	5.926	TOTAL
MEAN	0.064	0.032	0.101	0.538	0.068	0.071	0.015	0.011	0.153	0.258	0.350	0.191	MEAN
MAX	0.117	0.039	0.750	2.70	0.252	0.178	0.098	0.110	0.885	1.70	1.27	1.12	MAX
MIN	0.040	0.027	0.024	0.092	0.033	0.018	0.002	0.004	0.007	0.051	0.130	0.054	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.157
MAXIMUM DAILY, 2.705 ON APR 2
MINIMUM DAILY, 0.002 ON JUL 18
MAXIMUM INSTANTANEOUS,
3.25 AT 10:40 AST ON APR 2

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 20 35 N
LONG 63 10 05 W
DRAINAGE AREA, 9.07 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	172	JUL	44 0
FEB	77 2	AUG	30 4
MAR	271	SEP	387
APR	1 400	OCT	690
MAY	255	NOV	907
JUN	184	DEC	512

TOTAL DISCHARGE 4 950 dam³

GOLD RIVER AT MOSHER'S FALLS - STATION NO 01EG002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.4 B	6.708	1.828	39.0 B	22.6	2.98	4.47	0.435	0.117	2.40	19.7	48.2	1
2	9.828	5.908	1.618	63.5	19.2	3.13	3.87	0.400	0.134	3.84	17.0	84.2	2
3	11.4	5.408	1.608	59.6	15.9	2.86	3.01	0.370	0.132	5.69	14.2	58.4	3
4	13.7	4.908	1.788	56.2	13.7	2.57	2.71	0.387	0.124	9.51	12.3	40.7	4
5	13.0 B	4.558	1.788	50.6	12.1	2.40	3.95	0.387	0.108	12.4	10.6	30.0	5
6	10.3 B	4.208	1.788	83.4	13.6	2.83	4.27	0.353	0.088	11.1	9.85	24.1	6
7	9.638	3.808	1.788	77.7	18.9	3.71	3.40	0.342	0.085	9.74	8.61	20.5	7
8	9.438	3.658	1.778	70.0	20.7	3.88	2.78	0.321	0.074	10.3	7.73	17.1	8
9	9.038	3.458	1.778	63.8	17.6	4.33	2.28	0.288	0.088	14.0	8.86	14.5	9
10	8.238	3.258	1.778	42.2	14.9	5.17	2.00	0.288	0.148	12.2	8.86	12.8	10
11	7.678	3.068	1.758	34.1	12.8	5.58	1.86	0.245	0.158	10.4	7.18	12.1	11
12	7.618	2.928	1.748	28.5	10.8	5.84	1.68	0.240	0.154	9.48	10.8	17.5	12
13	7.338	2.768	1.738	27.4	9.58	5.63	1.48	0.218	0.151	8.68	21.8	17.8	13
14	7.178	2.638	1.728	24.8	8.46	5.20	1.38	0.203	0.188	7.88	20.8	15.3	14
15	7.008	2.518	1.738	22.0	7.38	11.9	1.28	0.170	0.278	6.57	18.8	13.0	15
16	6.808	2.408	1.718	20.0	6.48	11.4	1.18	0.180	0.263	5.71	17.2	10.8 B	16
17	6.608	2.318	1.718	18.1	5.78	9.72	1.08	0.175	0.284	5.14	15.1	10.0 B	17
18	6.408	2.218	1.708	17.0	5.41	8.25	0.931	0.154	0.265	4.88	13.3	9.838	18
19	6.258	2.158	1.708	15.0	4.88	6.90	0.818	0.132	0.258	4.13	12.7	9.238	19
20	6.158	2.108	1.808	15.3	4.38	5.87	0.717	0.136	0.237	3.77	13.4	8.888	20
21	6.058	2.058	2.808	14.3	3.88	4.84	0.628	0.118	2.08	3.48	31.0	8.888	21
22	6.008	2.008	4.258	13.2	3.32	4.18	0.528	0.108	8.88	4.58	37.0	9.438	22
23	6.408	1.958	6.808	13.0	3.42	3.86	0.500	0.182	7.24	5.32	31.3	8.888	23
24	7.408	1.928	10.8 B	11.8	4.32	3.88	0.454	0.188	5.88	5.58	25.2	8.288	24
25	11.0 B	1.888	15.0 B	11.0	3.83	3.53	0.380	0.141	4.73	5.21	21.8	7.848	25
26	12.2 B	1.878	18.5 B	9.85	3.46	3.06	0.488	0.138	4.13	5.62	20.3	7.678	26
27	12.8 B	1.888	22.2 B	8.48	3.07	2.82	0.878	0.118	3.88	6.00	18.4	7.508	27
28	13.5 B	1.848	24.5 B	7.45	2.85	4.85	0.833	0.110	3.13	5.82	16.8	7.338	28
29	10.8 B		27.5 B	12.8	2.78	7.82	0.709	0.101	2.78	12.8	15.0	7.208	29
30	8.808		31.5 B	23.8	2.81	5.84	0.558	0.188	2.60	21.6	13.2	7.108	30
31	7.808		34.0 B		2.54		0.480	0.118		18.8		7.008	31
TOTAL	275.07	86.38	232.71	827.29	282.39	154.29	51.523	5.803	48.080	254.20	495.47	882.42	TOTAL
MEAN	8.87	3.08	7.51	30.8	9.11	5.14	1.66	0.219	1.60	8.20	16.5	18.1	MEAN
MAX	13.7	6.70	34.0	77.7	22.6	11.9	4.47	0.439	8.88	21.6	37.0	84.2	MAX
MIN	6.00	1.84	1.70	7.45	2.54	2.40	0.380	0.101	0.074	2.40	8.88	7.00	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 8.35
MAXIMUM DAILY, 84.2 ON DEC 2
MINIMUM DAILY, 0.074 ON SEP 8
MAXIMUM INSTANTANEOUS,
90.8 AT 00 59 AST ON DEC 2

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 33 52 N
LONG 64 21 05 W
DRAINAGE AREA, 370 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	23 800	JUL	4 450
FEB	7 460	AUG	588
MAR	20 100	SEP	4 150
APR	80 100	OCT	22 000
MAY	24 400	NOV	42 800
JUN	13 300	DEC	44 800

TOTAL DISCHARGE, 282 000 dam³

GRAND RIVER AT LOCH LOMOND - STATION NO. 01FH001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.33E	3.86	1.26	7.78	5.70	1.33	5.29	0.380	0.072	3.44	7.44	4.86	1
2	3.27E	4.28	1.27	9.11	5.68	1.28	5.87	0.382	0.066	4.62	7.38	4.88	2
3	3.21E	4.86	1.28	12.7	5.87	1.17	5.49	0.331	0.065	5.38	8.88	5.00	3
4	3.18A	4.87	1.21	15.3	5.43	1.03	5.05	0.311	0.058	5.87	8.84	5.04	4
5	3.09	5.04	1.18	16.7	5.02	0.951	4.74	0.320	0.045	6.06	8.37	5.04	5
6	2.88	4.88	1.08	17.2	4.88	0.874	4.31	0.305	0.041	6.14	8.80	4.98	6
7	2.80	4.85	1.01	16.6	4.87	1.88	3.83	0.287	0.036	7.78	8.88	4.93	7
8	2.89	4.40	0.978	18.7	4.85	2.08	3.41	0.228	0.035	7.38	8.38	4.88	8
9	2.86	4.10	0.950	19.7	4.74	2.28	3.07	0.207	0.086	8.72	8.11	4.84	9
10	2.49	4.04	0.934	20.0	4.41	2.32	2.85	0.217	0.286	8.04	8.83	4.26	10
11	2.49	3.97	0.874	19.3	4.14	2.26	2.83	0.236	0.508	8.54	8.58	4.09	11
12	2.81	3.89	0.841	18.0	3.89	2.09	2.39	0.292	0.806	8.14	8.86	4.83	12
13	2.91	3.86	0.788	16.6	3.69	2.29	2.16	0.246	0.641	4.87	11.6	8.29	13
14	3.13	3.46	0.743	14.9	3.26	2.42	1.96	0.226	0.717	4.19	12.4	8.54	14
15	3.25	3.29	0.742	13.2	2.97	2.47	1.86	0.209	3.80	3.86	12.3	8.46	15
16	3.20	3.02	0.836	11.8	3.17	2.48	1.70	0.203	5.80	3.47	11.5	8.18	16
17	3.04	2.74	0.863	10.6	3.13	2.39	1.63	0.189	6.61	3.18	10.6	8.26	17
18	2.81	2.84	0.888	9.61	3.08	2.26	1.32	0.178	7.76	2.90	9.44	4.84	18
19	2.62	2.38	0.890	8.84	2.83	2.17	1.22	0.186	7.70	2.73	8.86	4.88	19
20	2.73	2.20	0.898	7.89	2.82	2.02	1.08	0.181	7.33	2.48	7.83	4.33	20
21	2.82	2.08	0.979	7.08	2.41	1.84	0.973	0.178	8.87	2.48	7.88	4.09	21
22	2.47	1.90	1.19	6.70	2.24	1.71	0.892	0.141	8.76	2.88	8.48	3.94	22
23	2.88	1.77	1.46	6.31	2.18	1.87	0.833	0.181	8.86	3.41	8.49	3.86	23
24	3.14	1.87	1.72	5.74	2.03	1.86	0.718	0.159	8.11	3.86	8.11	3.47	24
25	3.37	1.86	1.83	5.36	1.90	1.76	0.886	0.128	8.87	3.81	7.86	3.27	25
26	3.47	1.48	2.34	4.87	1.78	1.88	0.860	0.110	5.18	3.73	7.07	3.08	26
27	3.83	1.40	3.01	4.42	1.86	1.83	0.891	0.107	4.88	3.87	8.37	2.87	27
28	3.53	1.33	4.28	3.96	1.42	2.76	0.827	0.084	4.26	3.96	8.78	2.88	28
29	3.40		5.61	3.86	1.42	5.88	0.803	0.076	3.72	4.46	8.21	2.86	29
30	3.22		6.86	4.82	1.37	8.41	0.462	0.083	3.80	6.13	4.74	2.86	30
31	3.08		7.44		1.30		0.412	0.074		6.83		2.49	31
TOTAL	82.97	69.03	86.061	339.86	103.26	64.595	70.097	6.379	88.707	147.39	232.34	132.36	TOTAL
MEAN	3.00	3.18	1.81	11.3	3.33	2.15	2.26	0.206	3.18	4.76	7.74	4.27	MEAN
MAX	3.83	5.04	7.44	20.0	5.88	8.41	5.29	0.380	7.76	8.14	12.4	8.54	MAX
MIN	2.47	1.33	0.742	3.86	1.30	0.951	0.412	0.074	0.036	2.48	4.74	2.49	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 3.92
MAXIMUM DAILY 20.0 ON APR 10
MINIMUM DAILY 0.036 ON SEP 8
MAXIMUM INSTANTANEOUS
20.0 AT 12 23 AST ON APR 10

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 43 48 N
LONG 60 36 12 W
DRAINAGE AREA 120 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 030	JUL	8 080
FEB	7 880	AUG	851
MAR	4 840	SEP	8 270
APR	29 400	OCT	12 700
MAY	8 920	NOV	20 100
JUN	5 580	DEC	11 400

TOTAL DISCHARGE, 124 000 dam³

INDIAN BROOK AT INDIAN BROOK - STATION NO 01FE002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.31 B	0.6805	0.4168	5.858	44.0 E	1.38	4.35	0.837	0.712	17.4	18.8	29.1 E	1
2	2.20 B	0.6858	0.4148	7.208	24.2 E	1.48	3.25	0.788	0.882	83.5 E	10 4	24.7 E	2
3	2.03 B	0.6828	0.4128	8.108	17.7	1.21	2.84	1.89	1.13	23.1 E	7.38	10 6	3
4	1.81 B	0.6388	0.4108	8.308	14.8	1.13	2.07	1.15	0.800	46.8 E	7.29	8.78	4
5	1.79 B	0.6258	0.4088	8.408	11.5	1.11	1.98	1.08	0.723	22.8 E	7.17	8.18	5
6	1.89 B	0.6088	0.4048	10.3 B	10.8	1.12	1.89	0.837	0.845	11.2	11.8	8.18	6
7	1.89 B	0.5948	0.4008	12.0 B	33.9 E	8.34	1.61	0.823	0.801	7.05	8.77	8.20	7
8	1.81 B	0.5848	0.3868	21.0 B	21.2 E	3.04	1.38	0.892	0.841	5.58	8.10	4.24	8
9	1.62 B	0.5738	0.3918	80.5 E	12.8	2.33	1.28	0.886	0.809	8.48	8.09	3.85	9
10	1.37 B	0.5808	0.3688	87.3 E	9.88	4.81	1.18	0.880	30.8 E	8.30	8.82	3.11	10
11	1.31 B	0.5838	0.3888	38.1 E	8.85	5.18	1.07	0.885	15.2	4.15	8.38	3.18	11
12	1.28 B	0.5418	0.3848	28.8 E	7.10	2.84	1.38	1.10	5.40	3.37	81.2 E	3.10	12
13	1.21 B	0.5338	0.3828	17.6	6.47	6.00	1.19	0.822	3.98	3.01	81.8 E	3.83	13
14	1.18 B	0.5238	0.3808	10.5	6.01	4.41	1.11	0.885	20.7 E	2.81	21.8 E	3.15	14
15	1.11 B	0.5118	0.3788	9.58	4.89	3.04	0.998	0.843	74.4 E	2.81	13 3	2.79	15
16	1.07 B	0.5028	0.3768	8.85	5.28	2.82	0.931	0.820	18.7	3.28	8.81	2.81	16
17	1.03 B	0.4948	0.3778	7.55	4.40	2.33	0.988	0.588	7.87	2.12	8.84	2.84	17
18	0.8958	0.4858	0.4468	37.1 E	4.00	1.97	0.773	0.870	8.25	1.88	8.80	2.88	18
19	0.8608	0.4788	0.4808	81.3 E	3.32	1.80	0.783	0.884	4.47	2.48	8.20	2.84	19
20	0.9308	0.4688	1.20 B	82.2 E	2.82	1.54	0.898	0.387	3.91	2.31	4.88	2.81	20
21	0.8848	0.4808	2.20 B	83.1 E	2.84	1.28	0.887	1.83	3.40	2.80	88.8 E	2.18	21
22	0.8708	0.4518	4.00 B	58.0 E	2.30	1.28	0.840	1.81	24.8 E	18.8	87.8 E	3.008	22
23	0.8518	0.4458	8.00 B	34.4 E	2.18	1.21	0.888	4.24	38.2 E	15.4	21.8 E	1.808	23
24	0.8308	0.4388	5.80 B	28.0 E	2.14	1.18	0.748	3.03	14.8	8.78	11.8	1.808	24
25	0.8088	0.4348	4.80 B	22.1 E	2.00	3.14	0.811	1.87	7.78	5.39	8.47	1.728	25
26	0.7908	0.4288	4.30 B	18.1	1.78	1.88	0.780	1.11	8.08	28.0 E	8.82	1.678	26
27	0.7708	0.4248	4.10 B	8.78	1.84	1.34	0.884	1.13	8.08	13.8	8.35	1.808	27
28	0.7558	0.4208	8.80 B	7.18	1.53	61.8 E	0.838	0.886	8.08	7.03	4.88	1.558	28
29	0.7358		10.4 B	28.8 E	1.48	28.2 E	0.823	0.813	4.38	78.7 E	3.88	1.508	29
30	0.7158		7.30 B	80.0 E	1.40	7.84	0.488	0.788	3.48	58.8 E	3.28	1.488	30
31	0.7008		8.30 B		1.27		0.413	0.784		28.1 E		1.408	31
TOTAL	37.884	14.788	70.832	830.48	278.45	103.98	38.287	33.118	307.843	488.42	448.88	147.08	TOTAL
MEAN	1.21	0.527	2.29	27.7	8.88	4.80	1.24	1.07	10.3	15.7	14.8	4.74	MEAN
MAX	2.31	0.880	10.4	81.2	44.0	61.8	4.35	4.24	74.4	78.7	87.8	29.1	MAX
MIN	0.700	0.420	0.377	5.85	1.27	1.11	0.413	0.387	0.841	1.88	3.28	1.40	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 7 75
MAXIMUM DAILY 81 2E ON APR 19
MINIMUM DAILY 0 387 ON AUG 20
MAXIMUM INSTANTANEOUS
228E AT 22 47 AST ON SEP 14

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 22 15 N
LONG 60 32 05 W
DRAINAGE AREA 125 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED SINCE 1976

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 280	JUL	3 310
FEB	1 280	AUG	2 880
MAR	8 130	SEP	28 800
APR	71 800	OCT	41 900
MAY	23 800	NOV	36 800
JUN	12 400	DEC	12 700

TOTAL DISCHARGE, 245 000 dam³

REMARKS - FLOWS ARE SUPPLEMENTED BY RELEASES FROM UPSTREAM STORAGE.

KEJIMKUJIK LAKE - STATION NO. 01ED008

DAILY WATER LEVEL IN METRES FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.190	1.078	0.788	1.302	1.278	0.884	0.783	0.539	0.388	0.688	0.978	1.302	1
2	1.302	1.087	0.807	1.483	1.247	0.885	0.760	0.528	0.387	0.718	0.981	1.483	2
3	1.318	1.058	0.798	1.618	1.227	0.880	0.739	0.518	0.378	0.728	1.001	1.584	3
4	1.331	1.083	0.783	1.780	1.208	0.843	0.732	0.521	0.378	0.748	1.008	1.672	4
5	1.338	1.030	0.792	1.898	1.200	0.827	0.738	0.515	0.370	0.818	1.018	1.825	5
6	1.333	1.024	0.784	2.012	1.213	0.820	0.731	0.505	0.370	0.841	1.018	1.888	6
7	1.322	1.013	0.778	2.110	1.242	0.815	0.727	0.498	0.383	0.885	1.021	1.834	7
8	1.318	0.994	0.778	2.185	1.280	0.805	0.718	0.495	0.388	0.880	1.017	1.634	8
9	1.307	0.981	0.770	2.218	1.282	0.804	0.702	0.488	0.373	0.893	1.014	1.805	9
10	1.191	0.981	0.788	2.220	1.285	0.797	0.701	0.483	0.388	0.898	1.011	1.972	10
11	1.190	0.972	0.781	2.190	1.278	0.788	0.690	0.477	0.383	0.893	1.020	1.842	11
12	1.185	0.959	0.788	2.143	1.272	0.784	0.682	0.485	0.383	0.898	1.035	1.538	12
13	1.173	0.949	0.784	2.084	1.258	0.780	0.678	0.481	0.383	0.903	1.055	1.518	13
14	1.159	0.938	0.768	2.017	1.244	0.788	0.668	0.458	0.397	0.899	1.057	1.486	14
15	1.148	0.930	0.763	1.948	1.223	0.809	0.682	0.458	0.404	0.891	1.077	1.471	15
16	1.130	0.918	0.738	1.878	1.197	0.810	0.856	0.454	0.402	0.881	1.081	1.451	16
17	1.119	0.902	0.741	1.808	1.168	0.813	0.836	0.451	0.400	0.870	1.083	1.430	17
18	1.108	0.892	0.748	1.744	1.140	0.817	0.832	0.449	0.392	0.863	1.085	1.409	18
19	1.100	0.878	0.742	1.698	1.112	0.821	0.818	0.449	0.388	0.859	1.103	1.375	19
20	1.081	0.884	0.747	1.849	1.083	0.813	0.805	0.437	0.388	0.849	1.119	1.347	20
21	1.088	0.859	0.772	1.898	1.070	0.802	0.886	0.430	0.431	0.834	1.183	1.322	21
22	1.078	0.857	0.800	1.880	1.082	0.788	0.890	0.418	0.478	0.858	1.194	1.300	22
23	1.078	0.842	0.817	1.812	1.021	0.800	0.885	0.427	0.518	0.853	1.213	1.272	23
24	1.084	0.829	0.840	1.670	1.003	0.809	0.874	0.418	0.555	0.850	1.219	1.243	24
25	1.088	0.814	0.887	1.431	0.988	0.799	0.869	0.413	0.883	0.852	1.236	1.231	25
26	1.091	0.811	0.908	1.380	0.970	0.789	0.873	0.402	0.813	0.885	1.248	1.200	26
27	1.088	0.788	0.948	1.343	0.958	0.786	0.877	0.389	0.831	0.865	1.257	1.181	27
28	1.090	0.780	1.001	1.302	0.942	0.787	0.867	0.388	0.848	0.873	1.258	1.182	28
29	1.088		1.056	1.286	0.928	0.783	0.850	0.387	0.867	0.906	1.245	1.132	29
30	1.078		1.118	1.282	0.906	0.789	0.842	0.393	0.885	0.931	1.232	1.122	30
31	1.071		1.201		0.899		0.838	0.387		0.959		1.088	31
MEAN	1.144	0.932	0.827	1.738	1.134	0.810	0.848	0.455	0.448	0.857	1.102	1.398	MEAN
MAX	1.335	1.078	1.201	2.220	1.285	0.894	0.783	0.539	0.885	0.959	1.257	1.858	MAX
MIN	1.071	0.780	0.738	1.282	0.899	0.789	0.838	0.387	0.383	0.899	0.978	1.098	MIN

SUMMARY FOR THE YEAR 1987

WATER LEVELS IN METRES

MEAN, 0.957
MAXIMUM DAILY, 2.220 ON APR 10
MINIMUM DAILY, 0.383 ON SEP 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 22 56 N
LONG 65 12 23 W

NATURAL FLOW

WATER LEVELS ARE REFERRED TO ASSUMED DATUM
APPLY 88.072 m ADJUSTMENT TO CONVERT TO GEODETIC SURVEY OF CANADA DATUM

KELLEY RIVER (MILL CREEK) AT EIGHT MILE FORD - STATION NO. 01DL001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.9308	0.2788	0.2228	22.1 B	3.53	0.825	0.151	0.088	0.048	0.334	1.57	8.67	1
2	0.8808	0.3308	0.2218	17.0 B	2.17	0.538	0.134	0.088	0.085	1.84	1.18	7.28	2
3	1.07 B	0.3388	0.2208	13.7 B	1.66	0.388	0.125	0.073	0.088	1.56	0.922	3.90	3
4	0.9208	0.3298	0.2198	12.1 B	1.30	0.337	0.118	0.084	0.075	8.15	0.886	2.53	4
5	0.8008	0.3228	0.2178	11.7	1.18	0.307	0.121	0.080	0.081	5.70	0.933	2.07	5
6	0.7408	0.3188	0.2168	10.8	1.38	0.821	0.122	0.077	0.082	2.85	0.913	1.78	6
7	0.6908	0.3098	0.2158	10.5	1.83	2.89	0.108	0.071	0.048	1.83	0.801	1.57	7
8	0.6408	0.3028	0.2148	9.05	1.85	1.40	0.089	0.053	0.037	1.35	0.888	1.52	8
9	0.6008	0.2978	0.2128	8.28	1.15	1.48	0.084	0.047	0.123	1.15	0.840	1.28	9
10	0.5708	0.2928	0.2108	8.84	0.987	2.33	0.087	0.047	0.518	0.893	0.852	1.12	10
11	0.6488	0.2878	0.2088	8.40	0.811	2.05	0.083	0.048	0.383	0.728	0.802	1.05	11
12	0.5168	0.2828	0.2078	8.03	0.770	1.38	0.080	0.047	0.284	0.683	1.20	1.34	12
13	0.4908	0.2778	0.2048	8.27	0.811	1.85	0.078	0.047	0.198	0.531	2.21	1.28	13
14	0.4888	0.2718	0.2028	6.15	0.721	1.45	0.082	0.048	0.261	0.488	1.81	1.18 B	14
15	0.4488	0.2678	0.2018	3.43	0.840	1.14	0.077	0.048	0.817	0.412	1.57	1.07 B	15
16	0.4308	0.2638	0.2008	3.03	0.811	0.889	0.085	0.047	0.500	0.368	1.84	0.984	16
17	0.4058	0.2598	0.2688	3.02	0.733	0.831	0.089	0.043	0.478	0.360	1.30	0.9408	17
18	0.3928	0.2548	0.3788	3.03	0.880	0.498	0.071	0.045	0.481	0.332	1.73	0.9008	18
19	0.3818	0.2518	0.5708	3.15	0.558	0.418	0.085	0.040	0.304	0.328	2.38	0.8808	19
20	0.3648	0.2488	0.8008	2.88	0.492	0.448	0.085	0.038	0.288	0.308	2.24	0.8308	20
21	0.3588	0.2468	1.18 B	2.18	0.451	0.381	0.087	0.037	0.801	0.308	5.41	0.7808	21
22	0.3488	0.2418	1.88 B	2.14	0.388	0.318	0.080	0.035	4.71	0.848	4.83	0.9408	22
23	0.3388	0.2378	2.80 B	1.82	1.04	0.288	0.087	0.040	3.00	0.922	2.88	0.9108	23
24	0.3248	0.2348	3.80 B	1.82	0.893	0.340	0.078	0.050	1.88	0.771	2.33	0.8808	24
25	0.3198	0.2318	4.80 B	1.43	0.888	0.247	0.077	0.078	1.17	0.837	3.01	0.8208	25
26	0.3118	0.2288	7.00 B	1.33	0.837	0.247	0.088	0.082	0.788	1.86	2.78	0.7858	26
27	0.3048	0.2278	10.0 B	1.00	0.648	0.240	0.130	0.088	0.598	1.33	2.11	0.7488	27
28	0.3008	0.2258	14.0 B	0.885	0.488	0.230	0.110	0.088	0.483	0.963	1.77	0.7158	28
29	0.2948		11.6 B	2.88	0.438	0.245	0.087	0.051	0.430	3.71	1.80	0.8808	29
30	0.2888		10.4 B	4.77	0.402	0.191	0.073	0.048	0.341	3.76	1.32	0.8508	30
31	0.2818		15.0 B		0.508		0.088	0.050		2.32		0.8208	31
TOTAL	15.738	7.841	87.729	177.285	28.532	24.482	2.780	1.758	18.200	47.582	54.085	50.868	TOTAL
MEAN	0.508	0.273	2.83	5.91	0.953	0.818	0.089	0.057	0.540	1.53	1.80	1.64	MEAN
MAX	1.07	0.338	15.0	22.1	3.53	2.89	0.151	0.080	4.71	8.15	5.41	8.67	MAX
MIN	0.281	0.228	0.200	0.885	0.388	0.191	0.057	0.035	0.037	0.308	0.802	0.820	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.62
MAXIMUM DAILY, 22.10 ON APR 1
MINIMUM DAILY, 0.035 ON AUG 22

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 35 10 N
LONG 64 27 05 W
DRAINAGE AREA 63.2 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 580	JUL	238
FEB	680	AUG	152
MAR	7 580	SEP	1 660
APR	15 300	OCT	4 110
MAY	2 550	NOV	4 670
JUN	2 120	DEC	4 400

TOTAL DISCHARGE, 44 800 dam³

NOVA SCOTIA

LAHAVE RIVER AT WEST NORTHFIELD - STATION NO 01EF001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	41.0E	21.3 B	8.258	121	44.4	11.1	10.6	2.24	0.898	8.40	47.5	110	1
2	37.3E	19.7 B	8.238	138	41.4	10.9	9.72	1.92	0.893	10.0	43.5	185	2
3	37.9E	18.6 B	8.208	188	37.3	10.6	8.84	1.78	0.831	12.3	36.9	188	3
4	38.0E	17.5 B	8.188	178	34.0	9.72	8.19	1.74	0.784	18.1	34.8	139	4
5	41.9E	18.7 B	8.178	188	32.3	9.26	8.83	1.78	0.740	31.3	32.4	117	5
6	41.0E	18.7 B	8.128	221	30.8	8.99	9.31	1.82	0.738	35.4	30.3	88.0	6
7	36.9E	15.0 B	8.088	263	41.3	10.1	9.08	1.78	0.708	33.2	28.2	83.1	7
8	33.0A	14.0 B	8.028	256	44.3	11.0	8.58	1.78	0.771	30.8	25.5	78.8	8
9	28.4	13.2 B	8.008	218	41.7	11.7	7.98	1.74	0.831	30.0	24.2	80.8	9
10	25.5	12.2 B	5.958	178	37.8	11.8	7.44	1.75	0.824	28.9	23.8	84.0	10
11	26.7	11.0 B	5.928	147	33.8	12.0	7.23	1.83	0.881	23.6	24.8	90.3	11
12	29.5	10.2 B	5.888	127	30.7	13.8	6.87	1.70	0.902	21.8	30.9	80.9	12
13	29.5	9.808	5.828	116	28.8	14.6	6.31	1.63	0.857	20.9	43.2	81.6	13
14	28.0	9.108	5.808	104	26.2	17.6	5.77	1.53	0.984	18.9	46.3	85.8	14
15	26.3	8.708	5.788	92.0	23.7	23.3	5.34	1.40	1.11	17.3	45.7	49.2	15
16	25.2	8.258	5.758	81.8	21.8	25.7	5.05	1.34	1.14	15.8	43.2	45.2	16
17	22.2B	7.858	5.708	72.7	19.8	25.4	4.85	1.21	1.13	14.3	38.7	43.7	17
18	19.5B	7.608	5.688	86.5	18.2	23.2	4.58	1.28	1.08	13.6	37.0	40.9	18
19	19.4B	7.408	5.658	81.8	18.8	20.8	4.33	1.28	1.06	12.7	38.2	34.6	19
20	19.3B	7.108	5.908	58.6	18.0	18.3	3.78	1.11	1.11	11.7	37.7	33.6	20
21	19.2B	6.958	13.0 B	84.1	16.3	16.4	3.22	1.04	2.66	11.1	80.6	33.5	21
22	19.1B	6.758	25.4	81.3	13.3	14.7	3.02	0.986	8.42	12.3	80.6	34.4	22
23	20.5E	6.608	28.0	48.1	13.3	13.9	2.88	1.07	13.4	13.8	80.9	33.7	23
24	25.0E	6.508	45.0	43.7	14.5	14.0	2.68	1.01	17.1	14.6	72.7	31.9	24
25	31.9E	6.428	61.4	40.0	14.9	13.7	2.51	0.941	18.6	14.5	65.5	29.6	25
26	31.0E	6.408	60.8	35.6	14.4	12.8	2.68	0.924	14.8	14.9	60.1	28.9B	26
27	29.5E	6.389	56.3	32.3	13.5	11.8	2.92	0.930	12.8	16.0	57.1	25.8B	27
28	27.5E	6.329	79.1	29.1	13.2	12.3	2.68	0.849	10.9	16.4	52.8	23.9B	28
29	26.0E		84.5	33.0	13.0	12.4	2.40	0.878	9.48	24.4	48.3	23.2B	29
30	24.2B		86.5	42.4	12.4	11.6	2.20	0.877	8.94	38.7	44.1	22.9B	30
31	22.8B		113		11.6		2.23	0.895		44.5		22.9B	31
TOTAL	884.5	303.22	786.18	3 261.7	772.7	434.37	172.02	43.042	131.332	828.80	1 338.0	1 689.3	TOTAL
MEAN	28.5	10.8	25.7	109	24.9	14.5	5.55	1.38	4.38	20.3	44.5	80.3	MEAN
MAX	41.5	21.2	113	263	44.4	25.7	10.8	2.24	17.1	44.5	80.9	185	MAX
MIN	19.1	6.32	5.85	29.1	11.6	8.99	2.20	0.849	0.706	8.40	23.8	22.5	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 39.1
MAXIMUM DAILY, 263 ON APR 7
MINIMUM DAILY, 0.706 ON SEP 7
MAXIMUM INSTANTANEOUS,
270 AT 22 34 AST ON APR 7

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 26 48 N
LONG 64 35 30 W
DRAINAGE AREA, 1 280 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	76 400	JUL	14 800
FEB	26 200	AUG	3 720
MAR	68 800	SEP	11 300
APR	282 000	OCT	84 300
MAY	66 800	NOV	115 000
JUN	37 500	DEC	182 000

TOTAL DISCHARGE, 919 000 dam³

LAKE O'LAW BROOK AT EGYPT ROAD - STATION NO 01FB006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.740B	0.388B	0.325B	1.86	4.54	0.706	1.33	0.434	0.373	0.884	3.74	2.92	1
2	0.720B	0.382B	0.323B	4.83	3.84	0.882	1.11	0.418	0.451	3.25	3.21	3.08	2
3	0.690B	0.368B	0.321B	5.86	3.49	0.847	0.822	0.419	0.396	2.66	2.87	2.72	3
4	0.670B	0.360B	0.318B	5.04	3.22	0.804	0.832	0.458	0.378	3.45	2.83	2.50	4
5	0.655B	0.376B	0.315B	5.73	2.99	0.674	0.778	0.433	0.369	3.03	2.81	2.37	5
6	0.640B	0.372B	0.312B	5.89	2.91	0.682	0.762	0.423	0.365	2.92	3.23	2.44	6
7	0.622B	0.370B	0.309B	5.48	3.51	0.818	0.695	0.380	0.342	2.17	2.96	2.35	7
8	0.602B	0.368B	0.307B	5.06	3.23	0.885	0.852	0.382	0.348	1.90	2.84	2.09	8
9	0.588B	0.365B	0.306B	5.26	2.90	0.808	0.822	0.389	0.438	1.71	2.86	1.88	9
10	0.577B	0.360B	0.305B	5.07	2.65	0.732	0.811	0.401	0.768	1.88	2.48	1.76	10
11	0.563B	0.357B	0.304B	4.19	2.41	0.685	0.892	0.407	0.868	1.38	2.28	1.88	11
12	0.551B	0.354B	0.303B	3.72	2.24	0.662	0.878	0.408	0.467	1.26	2.67	1.80	12
13	0.540B	0.352B	0.302B	3.33	2.19	0.890	0.847	0.388	0.423	1.12	3.11	1.84	13
14	0.527B	0.350B	0.301B	2.81	2.00	0.730	0.845	0.387	0.788	0.997	2.84	1.84	14
15	0.517B	0.348B	0.300B	3.70	1.87	0.693	0.837	0.381	3.11	0.948	2.90	1.44	15
16	0.504B	0.348B	0.298B	2.62	1.81	0.870	0.838	0.382	1.82	0.912	2.88	1.39	16
17	0.498B	0.344B	0.298B	2.84	1.85	0.821	0.813	0.393	1.43	0.851	3.48	1.38	17
18	0.485B	0.342B	0.315B	3.71	1.58	0.688	0.680	0.384	1.61	0.856	2.43	1.30	18
19	0.479B	0.340B	0.335B	4.77	1.48	0.678	0.671	0.378	1.04	0.853	2.37	1.10	19
20	0.472B	0.338B	0.355	6.00	1.38	0.683	0.684	0.388	0.854	0.788	2.24	1.02	20
21	0.488B	0.338B*	0.453	5.84	1.19	0.840	0.647	0.873	0.888	0.913	3.87	0.982	21
22	0.457B	0.334B	0.545	6.13	1.03	0.831	0.681	0.411	0.759	1.92	4.48	0.953	22
23	0.451B	0.332B	0.532	4.77	1.05	0.815	0.684	0.838	0.875	2.27	3.74	0.918	23
24	0.445B	0.330B	0.519	4.09	0.982	0.830	0.488	0.581	0.877	1.93	3.38	0.878	24
25	0.438B	0.329B	0.586	3.76	0.906	0.843	0.486	0.493	0.836	1.88	2.94	0.839	25
26	0.433B	0.328B	0.771	3.42	0.848	0.881	0.456	0.448	0.828	3.26	2.70	0.805	26
27	0.429B	0.327B	1.33	3.08	0.813	0.828	0.456	0.442	0.810	2.92	2.46	0.776	27
28	0.422B	0.326B	1.77	2.81	0.788	1.71	0.439	0.418	0.787	2.47	2.23	0.7858	28
29	0.415B		1.84	3.38	0.720	2.48	0.421	0.394	0.887	5.84	2.05	0.7388	29
30	0.409B		1.83	4.84	0.691	1.72	0.423	0.410	0.878	8.44	1.91	0.7178	30
31	0.404B		1.88		0.716		0.442	0.384		4.80		0.7008	31
TOTAL	15.408	9.860	17.920	130.80	81.842	22.743	18.507	13.378	23.006	67.231	84.93	47.381	TOTAL
MEAN	0.529	0.353	0.578	4.36	1.89	0.758	0.597	0.431	0.767	2.17	2.83	1.83	MEAN
MAX	0.740	0.388	1.88	6.77	4.84	2.48	1.33	0.838	3.11	8.44	4.48	3.08	MAX
MIN	0.404	0.326	0.298	1.86	0.691	0.515	0.421	0.368	0.342	0.769	1.81	0.700	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 1.61
MAXIMUM DAILY, 6.77 ON APR 19
MINIMUM DAILY, 0.2888 ON MAR 17
MAXIMUM INSTANTANEOUS
8.11 AT 18 07 AST ON OCT 29

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 18 53 N
LONG 60 58 23 W
DRAINAGE AREA 37 8 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 420	JUL	1 600
FEB	884	AUG	1 180
MAR	1 550	SEP	1 880
APR	11 300	OCT	5 810
MAY	8 320	NOV	7 340
JUN	1 880	DEC	4 080

TOTAL DISCHARGE, 44 400 dam³

LISCOMB RIVER AT LISCOMB MILLS - STATION NO. 01EN002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	12.6	5.700	1.650	38.0 E	38.1	2.92	11.1	0.800	0.324	8.68	83.4	13.0	1
2	10.5	7.300	1.600	46.0 E	32.4	3.64	8.81	0.498	0.340	8.58	49.3	26.8	2
3	10.3	7.250	1.570	56.0 E	27.3	3.57	6.90	0.443	0.359	12.5	38.4	36.8	3
4	11.0	6.300	1.530	76.0 E	21.1	3.44	5.47	0.455	0.339	22.5	30.9	33.6	4
5	11.5	5.700	1.500	74.0 E	18.3	3.20	5.14	0.481	0.318	32.5	24.8	27.0	5
6	11.1	4.900	1.470	66.0 E	13.5	3.27	4.87	0.485	0.271	32.4	22.0	23.8	6
7	10.5	4.400	1.450	64.0 E	15.2	3.28	4.21	0.407	0.248	26.1	19.5	21.1	7
8	10.3	4.000	1.430	56.0 E	22.5	3.70	3.56	0.368	0.283	21.3	18.9	18.6	8
9	9.65	3.850	1.400	50.0 E	25.1	4.47	3.11	0.344	0.559	21.5	15.0	15.9	9
10	8.89	3.400	1.380	41.0 E	22.1	5.38	2.80	0.319	2.17	20.5	12.9	13.5	10
11	8.58	3.150	1.380	34.0 E	17.5	5.84	2.49	0.318	2.60	18.0	12.1	11.5	11
12	10.0	3.000	1.340	29.0 E	13.5	5.94	2.20	0.354	2.52	15.4	19.5	17.4	12
13	11.3	2.900	1.320	27.0 E	11.0	6.06	1.89	0.357	2.40	13.1	49.6	27.0	13
14	11.0	2.750	1.290	24.5 A	9.11	6.10	1.66	0.354	4.30	11.1	56.6	31.0	14
15	9.43	2.650	1.270	22.9	7.99	6.05	1.48	0.337	27.1	9.76	47.3	26.5	15
16	8.69	2.550	1.260	19.6	7.36	5.91	1.39	0.303	38.3	8.51	35.4	13.0 B	16
17	7.800	2.450	1.240	17.0	6.66	5.44	1.26	0.294	35.2	7.43	27.4	10.5 B	17
18	7.100	2.350	1.230	15.2	6.16	5.05	1.15	0.282	32.0	6.49	21.7	9.000	18
19	6.500	2.240	1.220	14.4	5.69	4.42	1.06	0.269	26.4	5.99	17.2	7.900	19
20	6.200	2.140	1.210	14.2	5.13	3.98	0.906	0.248	20.7	5.62	14.9	7.000	20
21	6.000	2.060	1.500	14.1	4.66	3.40	0.781	0.223	16.4	5.89	19.0	6.100	21
22	5.700	2.000	2.100	13.9	4.14	3.08	0.730	0.194	14.0	7.68	33.0	5.500	22
23	7.400	1.950	2.600	13.1	4.12	2.85	0.689	0.266	20.5	10.9	41.3	4.950	23
24	9.200	1.870	3.500	12.0	4.16	2.36	0.654	0.315	20.5	13.6	36.6	4.500	24
25	8.600	1.820	4.700	11.1	4.08	2.38	0.856	0.344	17.8	14.4	29.4	4.100	25
26	8.400	1.780	8.400	9.70	3.83	2.26	0.834	0.353	14.1	19.5	23.0	3.750	26
27	8.600	1.750	8.400	8.81	3.55	2.04	0.845	0.335	11.1	29.1	19.1	3.450	27
28	7.800	1.700	11.5 B	7.36	3.42	3.06	0.840	0.311	8.86	31.5	16.2	3.100	28
29	7.000		15.5 B	7.88	3.32	7.24	0.591	0.289	7.27	43.5	13.4	2.800	29
30	8.400		20.0 B	15.8	3.13	11.1	0.543	0.327	8.08	89.1	11.4	2.650	30
31	8.000		28.0 B		2.93		0.509	0.333		81.6		2.500	31
TOTAL	276.34	84.72	130.32	803.45	356.16	126.42	78.326	10.634	337.119	652.91	839.7	432.50	TOTAL
MEAN	8.91	3.38	4.20	30.1	11.5	4.21	2.53	0.343	11.2	21.1	28.0	14.0	MEAN
MAX	12.6	7.30	28.0	76.0	32.4	11.1	11.1	0.800	38.3	89.1	83.4	36.8	MAX
MIN	5.70	1.70	1.21	7.36	2.93	2.04	0.509	0.194	0.248	5.62	11.4	2.50	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.5
MAXIMUM DAILY, 89.1 ON OCT 30
MINIMUM DAILY, 0.194 ON AUG 22
MAXIMUM INSTANTANEOUS,
85.0 AT 17:54 AST ON OCT 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 00 54 N
LONG 62 05 45 W
DRAINAGE AREA, 389 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	23 900	JUL	8 770
FEB	8 180	AUG	918
MAR	11 300	SEP	29 100
APR	78 100	OCT	56 400
MAY	30 800	NOV	72 800
JUN	10 900	DEC	37 400

TOTAL DISCHARGE, 366 000 dam³

LITTLE SACKVILLE RIVER AT MIDDLE SACKVILLE - STATION NO. 01EJ004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.2008	0.1308	0.043	1.38	0.438	0.280	0.047	0.018	0.055	0.255	0.482	5.78	1
2	0.3208	0.1138	0.040	3.89	0.252	0.187	0.021	0.014	0.054	0.286	0.311	1.24	2
3	0.4508	0.1038	0.038	1.77	0.188	0.138	0.017	0.030	0.032	0.150	0.261	0.525	3
4	0.5408	0.0958	0.040	1.50	0.158	0.048	0.053	0.057	0.023	0.656	0.248	0.314	4
5	0.563	0.0888	0.045	1.35	0.166	0.048	0.148	0.028	0.055	0.312	0.215	0.318	5
6	0.388	0.0788	0.049	2.38	0.213	0.240	0.056	0.018	0.048	0.171	0.227	0.282	6
7	0.270	0.0738	0.045	2.88	0.582	0.216	0.022	0.013	0.043	0.132	0.186	0.262	7
8	0.307	0.0678	0.063	1.38	0.246	0.183	0.038	0.011	0.055	0.616	0.148	0.202	8
9	0.196	0.0638	0.054	0.918	0.184	0.288	0.026	0.013	0.384	0.378	0.138	0.183	9
10	0.173	0.0598	0.055	0.698	0.140	0.141	0.031	0.011	0.185	0.209	0.188	0.210	10
11	0.3508	0.0578	0.050	0.447	0.109	0.082	0.015	0.121	0.048	0.177	0.308	0.783	11
12	0.4208	0.0548	0.055	0.382	0.142	0.063	0.009	0.084	0.034	0.227	2.06	2.35	12
13	0.4008	0.0518	0.088	0.348	0.187	0.071	0.038	0.034	0.028	0.182	0.674	0.583	13
14	0.3508	0.0488	0.054	0.283	0.104	0.725	0.020	0.057	0.552	0.130	0.481	0.370	14
15	0.308	0.0478	0.044	0.244	0.084	0.593	0.011	0.020	0.338	0.115	0.381	0.289	15
16	0.218	0.0458	0.0418	0.220	0.187	0.208	0.011	0.016	0.103	0.103	0.258	0.2108	16
17	0.323	0.0438	0.0408	0.217	0.108	0.249	0.010	0.017	0.392	0.088	0.226	0.1978	17
18	0.185	0.0428	0.0388	0.216	0.078	0.125	0.008	0.017	0.144	0.115	0.296	0.1828	18
19	0.2858	0.0408	0.0408	0.232	0.068	0.088	0.007	0.015	0.091	0.116	0.277	0.1418	19
20	0.448	0.0388	0.0558	0.224	0.058	0.079	0.005	0.011	0.071	0.088	1.38	0.1668	20
21	0.208	0.0378	0.2008	0.184	0.047	0.083	0.005	0.008	2.05	0.081	2.02	0.3278	21
22	0.8008	0.0368	1.20 B	0.277	0.042	0.068	0.004	0.008	1.27	0.986	1.29	0.3868	22
23	1.00 B	0.0348	1.78	0.208	0.358	0.078	0.005	0.784	0.477	0.340	0.571	0.2298	23
24	0.7508	0.0338	1.38	0.184	0.138	0.088	0.007	0.102	0.295	0.198	0.488	0.1888	24
25	0.8308	0.0328	1.49	0.160	0.078	0.080	0.011	0.045	0.202	0.207	0.524	0.1548	25
26	0.5008	0.0318	1.18	0.095	0.058	0.087	0.247	0.027	0.185	0.240	0.4128	0.1498	26
27	0.3808	0.0308	1.88	0.089	0.042	0.028	0.138	0.015	0.148	0.300	0.3868	0.1418	27
28	0.3108	0.045	1.48	0.055	0.087	0.413	0.033	0.018	0.098	0.189	0.3278	0.1338	28
29	0.2508		1.88	1.58	0.055	0.134	0.024	0.031	0.081	2.28	0.2888	0.1288	29
30	0.2008		1.85	0.851	0.040	0.070	0.020	0.051	0.088	0.850	0.4448	0.1188	30
31	0.1808		1.13		0.101		0.040	0.025		0.800		0.1098	31
TOTAL	11.598	1.814	16.371	23.931	4.858	5.156	1.188	1.895	7.833	10.789	15.577	17.585	TOTAL
MEAN	0.374	0.058	0.528	0.798	0.150	0.172	0.038	0.055	0.254	0.347	0.519	0.567	MEAN
MAX	1.00	0.130	1.88	3.89	0.582	0.725	0.247	0.784	2.05	2.28	2.06	5.78	MAX
MIN	0.160	0.030	0.038	0.055	0.040	0.028	0.004	0.008	0.023	0.088	0.138	0.109	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.323
MAXIMUM DAILY, 5.78 ON DEC 1
MINIMUM DAILY, 0.004 ON JUL 22
MAXIMUM INSTANTANEOUS,
13.0 AT 05:42 AST ON DEC 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 45 49 N
LONG 63 41 20 W
DRAINAGE AREA, 13.1 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 000	JUL	101
FEB	139	AUG	146
MAR	1 410	SEP	859
APR	2 070	OCT	930
MAY	402	NOV	1 350
JUN	445	DEC	1 520

TOTAL DISCHARGE, 10 200 dam³

NOVA SCOTIA

MACASKILLS BROOK NEAR BIRCH GROVE - STATION NO. 01FJ002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.2658	0.3008	0.0858	2.50 B	2.10	0.085	0.538	0.013	0.018	0.282	3.21	0.672	1
2	0.2208	1.45 B	0.0828	2.70 B	1.33	0.075	0.344	0.017	0.030	1.28	1.78	1.22	2
3	0.3008	1.10 B	0.0788	3.40 B	0.817	0.063	0.232	0.025	0.032	1.22	1.07	0.839	3
4	0.4508	0.8008	0.0788	4.80 B	0.695	0.058	0.186	0.024	0.025	3.29	0.780	0.578	4
5	0.2708	0.8808	0.0748	3.90 B	0.541	0.052	0.140	0.026	0.021	2.56	0.842	0.808	5
6	0.2108	0.5408	0.0728	3.40 B	0.488	0.063	0.125	0.018	0.017	1.52	1.87	0.985	6
7	0.1908	0.4408	0.0708	4.40 B	0.705	1.09	0.086	0.014	0.014	0.878	1.82	0.735	7
8	0.3808	0.3808	0.0888	5.73 E	0.714	0.877	0.071	0.010	0.012	0.373	0.987	0.541	8
9	0.2808	0.2808	0.0858	6.46 E	0.544	0.616	0.080	0.012	0.014	0.313	0.691	0.434	9
10	0.1808	0.4008	0.0858	5.89 E	0.421	0.788	0.054	0.016	0.318	0.234	0.613	0.332	10
11	0.3508	0.8308	0.0838	3.79	0.341	0.589	0.053	0.031	0.267	0.205	0.522	0.285	11
12	0.8208	0.6508	0.0628	2.72	0.270	0.420	0.049	0.056	0.149	0.190	5.64 E	1.24	12
13	0.6708	0.5008	0.0808	2.07	0.257	0.626	0.044	0.037	0.089	0.175	8.86 E	2.85	13
14	0.5008	0.4008	0.0598	1.47	0.210	0.527	0.040	0.029	0.099	0.153	3.84	1.81	14
15	0.4008	0.3308	0.0588	1.25	0.167	0.459	0.038	0.024	1.80	0.150	1.77	1.23	15
16	0.3008	0.2808	0.0588	1.27	0.293	0.405	0.035	0.022	1.02	0.124	1.01	0.777	16
17	0.2608	0.2408	0.0958	1.25	0.335	0.324	0.033	0.026	1.13	0.118	0.804	0.658	17
18	0.2308	0.2108	0.1408	1.79	0.285	0.259	0.030	0.025	1.24	0.118	0.510	0.544	18
19	0.1808	0.1808	0.2308	3.88	0.205	0.181	0.028	0.022	0.789	0.129	0.389	0.428	19
20	0.1648	0.1808	0.2508	3.22	0.166	0.143	0.024	0.018	0.544	0.138	0.322	0.344	20
21	0.1508	0.1408	0.5008	2.82	0.134	0.105	0.022	0.016	0.410	0.178	1.85	0.305	21
22	0.2308	0.1258	1.35 B	2.56	0.112	0.080	0.020	0.028	0.848	0.487	3.22	0.2628	22
23	0.5008	0.1178	1.10 B	1.73	0.112	0.084	0.021	0.033	1.18	0.585	1.89	0.2488	23
24	0.9508	0.1108	0.9508	1.24	0.102	0.059	0.024	0.035	0.813	0.483	0.884	0.2238	24
25	0.8208	0.1038	0.7808	1.02	0.088	0.322	0.030	0.026	0.556	0.402	0.557	0.2118	25
26	0.5008	0.1008	1.00 B	0.807	0.077	0.227	0.028	0.021	0.407	0.842	0.485	0.1878	26
27	0.4508	0.0858	2.00 B	0.844	0.071	0.122	0.024	0.017	0.322	0.637	0.362	0.1668	27
28	0.3708	0.0928	4.40 B	0.511	0.070	0.808	0.020	0.021	0.286	0.496	0.296	0.1778	28
29	0.3008		3.40 B	0.804	0.069	1.58	0.016	0.021	0.185	2.48	0.252	0.1698	29
30	0.2708		3.00 B	3.84	0.066	0.881	0.014	0.020	0.161	4.73 E	0.218	0.1628	30
31	0.2408		2.70 B		0.069		0.012	0.020		3.07		0.1568	31
TOTAL	11.499	11.023	22.950	80.568	11.804	11.728	2.421	0.727	12.795	27.374	47.594	19.507	TOTAL
MEAN	0.371	0.394	0.741	2.89	0.384	0.391	0.078	0.023	0.427	0.883	1.59	0.629	MEAN
MAX	0.950	1.45	4.40	6.46	2.10	1.58	0.538	0.056	1.80	4.73	8.86	2.85	MAX
MIN	0.150	0.092	0.058	0.511	0.069	0.052	0.012	0.010	0.012	0.116	0.218	0.158	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0.713
MAXIMUM DAILY, 8.86E ON NOV 13
MINIMUM DAILY, 0.010 ON AUG 8
MAXIMUM INSTANTANEOUS
18.4E AT 18:05 AST ON NOV 12

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 05 59 N
LONG 60 00 26 W
DRAINAGE AREA, 17.2 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	894	JUL	209
FEB	952	AUG	82.8
MAR	1 990	SEP	1 110
APR	6 970	OCT	2 370
MAY	1 030	NOV	4 110
JUN	1 010	DEC	1 690

TOTAL DISCHARGE 22 500 dam³

MCINTOSH RUN AT HERRING COVE ROAD - STATION NO. 01EJ005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.434	0.485	0.264	1.70	1.18	0.250	0.155	0.181	0.058	0.477	1.07	2.20	1
2	0.477	0.396	0.257	2.49	1.13	0.217	0.151	0.152	0.044	0.396	0.955	2.14	2
3	0.842	0.332	0.257	2.99	1.11	0.185	0.150	0.141	0.033	0.364	0.890	1.85	3
4	1.41	0.324	0.261	2.77	1.08	0.178	0.150	0.141	0.033	0.486	0.819	1.68	4
5	1.31	0.300	0.273	2.74	1.05	0.173	0.195	0.124	0.034	0.489	0.765	1.48	5
6	0.991	0.275	0.264	5.81	1.04	0.242	0.161	0.114	0.035	0.488	0.695	1.31	6
7	0.794	0.274	0.263	8.43	1.08	0.227	0.158	0.118	0.034	0.441	0.805	1.23	7
8	0.751	0.267	0.270	4.83	1.01	0.201	0.158	0.109	0.031	0.548	0.598	1.10	8
9	0.632	0.274	0.267	2.83	0.967	0.221	0.155	0.102	0.167	0.505	0.527	0.985	9
10	0.617	0.281	0.263	2.04	0.958	0.200	0.154	0.097	0.089	0.440	0.499	0.901	10
11	0.706	0.276	0.259	1.84	0.812	0.185	0.150	0.133	0.082	0.429	0.586	0.846	11
12	1.02	0.273	0.265	1.67	0.808	0.168	0.149	0.111	0.081	0.458	1.05	1.85	12
13	0.971	0.284	0.262	1.39	0.695	0.186	0.154	0.094	0.077	0.450	0.857	1.54	13
14	0.807	0.288	0.260	1.37	0.658	0.307	0.156	0.084	0.305	0.411	0.852	1.39	14
15	0.635	0.283	0.249	1.33	0.648	0.271	0.165	0.081	0.263	0.388	0.799	1.38	15
16	0.525	0.280	0.254	1.31	0.589	0.201	0.183	0.077	0.274	0.384	0.742	1.18	16
17	0.416	0.281	0.255	1.28	0.606	0.181	0.830	0.074	0.307	0.345	0.670	1.18	17
18	0.357	0.281	0.257	1.27	0.768	0.174	1.04	0.071	0.281	0.352	0.685	1.08	18
19	0.464	0.284	0.256	1.27	0.737	0.170	0.653	0.063	0.237	0.351	0.637	0.856	19
20	0.387	0.282	0.264	1.24	0.681	0.167	0.713	0.057	0.222	0.328	0.745	0.667	20
21	0.386	0.283	0.295	1.20	0.210	0.167	0.584	0.060	0.884	0.307	1.08	1.10	21
22	0.341	0.244	0.483	1.16	0.208	0.166	0.515	0.042	1.10	0.480	1.25	1.08	22
23	1.33	0.243	0.409	1.15	0.263	0.170	0.438	0.088	1.16	0.408	1.17	1.02	23
24	1.70	0.248	0.433	1.13	0.221	0.166	0.381	0.036	1.11	0.400	1.13	0.967	24
25	1.48	0.293	0.481	1.10	0.214	0.161	0.328	0.020	0.881	0.409	1.05	0.804	25
26	1.12	0.284	0.447	1.08	0.215	0.166	0.342	0.028	0.837	0.440	1.03	0.882	26
27	0.878	0.266	0.673	1.05	0.215	0.166	0.308	0.028	0.677	0.388	1.04	0.788	27
28	0.701	0.282	0.695	1.02	0.215	0.312	0.302	0.035	0.558	0.378	0.848	0.724	28
29	0.584		1.58	1.38	0.215	0.189	0.288	0.049	0.486	0.823	0.900	0.888	29
30	0.419		2.05	1.32	0.206	0.166	0.260	0.062	0.437	0.812	0.837	0.858	30
31	0.372		1.89		0.217		0.226	0.038		1.08		0.822	31
TOTAL	23.881	7.874	15.018	61.19	21.079	5.854	8.897	2.898	10.707	14.800	25.530	30.209	TOTAL
MEAN	0.786	0.281	0.484	2.04	0.680	0.188	0.319	0.084	0.357	0.471	0.851	1.17	MEAN
MAX	1.70	0.485	2.05	8.43	1.18	0.312	1.04	0.181	1.18	1.08	1.25	2.20	MAX
MIN	0.341	0.243	0.249	1.02	0.206	0.155	0.149	0.028	0.031	0.307	0.488	0.822	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.842
MAXIMUM DAILY, 8.43 ON APR 7
MINIMUM DAILY, 0.028 ON AUG 26
MAXIMUM INSTANTANEOUS,
8.88 AT 02:10 AST ON APR 7

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 38 31 N
LONG 63 37 01 W
DRAINAGE AREA, 15.1 km²

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 050	JUL	855
FEB	680	AUG	324
MAR	1 300	SEP	935
APR	5 290	OCT	1 260
MAY	1 820	NOV	2 210
JUN	814	DEC	3 130

TOTAL DISCHARGE, 20 300 dam³

MEDWAY RIVER AT CHARLESTON - STATION NO. 01EE001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	45.88	33.48	14.88	88.0	81.1	17.4	16.4	4.01	2.04	4.78	31.8	87.4	1
2	48.88	32.48	14.68	108	88.0	16.9	13.4	3.88	2.00	7.03	32.2	114	2
3	50.00	31.48	14.38	124	82.8	15.8	12.8	3.70	1.88	8.46	31.7	110	3
4	54.88	30.38	13.88	147	80.3	14.8	13.1	3.88	1.87	13.3	32.4	108	4
5	50.88	28.48	13.68	188	48.8	14.0	12.0	3.48	1.72	16.4	32.2	110	5
6	47.88	26.38	13.38	122	48.2	13.8	11.8	3.48	1.82	15.8	32.3	108	6
7	45.88	27.38	12.98	206	83.4	14.0	11.2	3.30	1.47	15.7	31.8	105	7
8	44.08	28.88	12.78	210	82.7	13.2	10.8	3.17	1.38	16.3	30.8	100	8
9	42.48	26.88	12.48	207	80.7	13.3	10.4	3.04	1.37	21.8	29.8	94.0	9
10	40.88	25.08	12.38	197	48.8	13.4	10.1	2.88	1.48	21.1	28.7	86.7	10
11	38.48	24.18	12.18	184	47.1	13.3	9.88	2.85	1.82	21.2	31.8	81.7	11
12	52.88	23.38	11.88	172	45.1	12.8	9.80	2.78	1.87	22.4	35.8	81.1	12
13	47.38	22.78	11.78	160	44.8	11.9	9.44	2.88	1.39	23.1	40.4	82.8	13
14	44.18	21.88	11.88	144	40.8	13.2	9.08	2.84	1.50	23.1	38.8	87.4	14
15	40.88	21.38	11.48	129	37.8	18.2	8.85	2.37	1.70	23.0	36.8	81.4	15
16	37.78	20.78	11.28	117	36.1	17.7	8.64	2.27	1.88	22.8	35.5	78.7	16
17	36.18	20.28	11.08	108	33.8	16.6	8.48	2.14	1.58	22.2	34.2	83.4	17
18	34.88	19.78	10.88	102	32.0	15.8	7.94	2.03	1.51	21.5	33.7	78.7	18
19	33.88	19.38	10.68	96.5	30.0	15.1	7.47	1.95	1.40	21.2	33.9	73.5	19
20	32.48	18.88	10.48	89.4	28.1	14.8	8.99	1.82	1.34	20.8	35.8	88.0	20
21	31.48	18.38	10.38	82.8	25.9	13.9	8.50	1.80	3.37	19.8	53.7	87.8	21
22	30.28	17.88	12.78	77.0	23.8	13.4	4.07	2.24	8.87	22.2	82.4	88.5	22
23	38.08	17.48	15.78	71.8	23.1	13.1	5.85	2.81	7.77	22.8	81.3	81.8	23
24	47.28	16.88	16.88	88.8	22.8	14.0	8.29	3.15	7.30	21.2	58.8	86.1	24
25	44.38	16.78	23.18	82.4	22.1	13.9	5.01	3.16	6.80	20.1	88.2	82.8	25
26	42.48	16.38	28.88	87.8	21.2	13.2	4.88	2.83	5.82	19.8	58.2	80.1	26
27	40.08	15.88	35.08	83.8	20.3	12.8	5.47	2.84	5.88	19.2	88.1	46.38	27
28	36.38	15.48	42.08	49.1	19.2	15.1	5.20	2.80	6.35	18.3	86.8	43.18	28
29	36.78		52.18	84.4	18.7	17.0	4.77	2.31	5.15	22.1	85.1	41.18	29
30	35.88		83.58	83.8	17.8	15.5	4.47	2.25	4.88	25.4	83.7	39.88	30
31	34.78		78.6		17.3		4.18	2.24		27.8		38.18	31
TOTAL	1 284.2	838.8	825.7	3 873.7	1 131.7	438.8	283.48	88.10	80.78	800.88	1 248.4	2 408.8	TOTAL
MEAN	41.4	22.7	20.2	118	38.8	14.8	8.80	2.78	3.03	19.4	41.8	77.8	MEAN
MAX	84.8	33.4	78.8	210	81.1	18.2	18.4	4.01	7.77	27.8	82.4	114	MAX
MIN	30.2	18.4	10.3	48.1	17.3	11.8	4.18	1.80	1.34	4.78	28.7	38.1	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 33.8
MAXIMUM DAILY, 210 ON APR 8
MINIMUM DAILY, 1.34 ON SEP 20
MAXIMUM INSTANTANEOUS,
211 AT 12.38 AST ON APR 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 10 24 N
LONG 64 39 38 W
DRAINAGE AREA, 1 380 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	111 000	JUL	22 800
FEB	88 000	AUG	7 440
MAR	84 100	SEP	7 840
APR	308 000	OCT	81 800
MAY	97 800	NOV	108 000
JUN	37 700	DEC	208 000

TOTAL DISCHARGE, 1 070 000 dam³

MERSEY RIVER BELOW GEORGE LAKE - STATION NO 01ED005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	32.1	14.2 B	B 728	38.1	28.3	B 84	8.31	1.88	0.502	4.86	14.5	29.0	1
2	32.1	13.7 B	B 688	36.4	25.2	B 18	6.14	1.78	0.544	5.35	15.1	35.1	2
3	32.8	13.2 B	B 488	46.7	24.2	B 57	5.85	1.68	0.514	6.84	15.0	40.5	3
4	33.8	12.7 B	B 388	56.4	23.4	B 11	5.58	1.71	0.478	6.43	15.3	44.7	4
5	34.0	12.4 B	B 309	85.5	22.5	7.89	5.56	1.73	0.400	7.85	15.6	49.4	5
6	33.8	11.9 B	B 208	73.5	23.0	7.88	5.47	1.59	0.388	9.20	15.8	50.2	6
7	33.5	11.6 B	B 108	81.1	24.3	7.81	5.28	1.42	0.408	9.77	15.8	50.9	7
8	33.4	11.3 B	B 008	88.6	25.7	7.08	5.04	1.34	0.407	10.2	15.6	49.3	8
9	33.8	10.8 B	B 838	89.7	26.5	8.81	4.82	1.38	0.430	10.5	15.3	47.8	9
10	31.9	10.6 B	B 888	90.1	26.7	7.02	4.78	1.34	0.862	10.7	15.4	46.7	10
11	31.88	10.3 B	B 788	87.8	26.8	B 82	4.81	1.33	0.588	10.2	15.8	43.7	11
12	30.88	10.0 B	B 738	84.1	25.7	B 43	4.38	1.26	0.553	10.7	16.8	44.0	12
13	30.38	B 788	B 848	78.8	25.7	B 32	4.34	1.18	0.487	11.2	17.3	42.8	13
14	29.88	B 488	B 868	74.8	24.4	B 48	4.08	1.12	0.539	11.0	17.8	41.4	14
15	28.48	B 288	B 838	88.1	23.2	7.14	4.02	1.07	0.874	10.8	18.5	39.4	15
16	28.88	B 008	B 488	83.8	22.5	7.28	4.04	1.03	0.893	10.0	18.4	38.5	16
17	28.38	B 788	B 388	88.7	20.9	7.34	3.75	0.978	0.745	B 72	18.6	37.8	17
18	27.88	B 588	B 348	84.8	20.0	7.28	3.43	0.966	0.705	B 48	18.7	38.8	18
19	27.48	B 388	B 328	80.8	18.7	7.20	3.20	0.988	0.673	B 42	19.4	33.7	19
20	26.88	B 178	B 278	48.0	17.5	7.33	3.08	0.883	0.888	B 20	20.0	32.0	20
21	26.48	7.988	B 238	44.8	16.5	7.11	2.94	0.882	0.837	B 81	22.7	30.8	21
22	26.08	7.778	B 008	42.5	15.3	7.07	2.85	0.731	1.40	B 58	23.8	29.1	22
23	25.18	7.888	B 808	40.0	14.5	7.18	2.75	0.677	1.82	B 34	24.3	27.8	23
24	24.38	7.488	B 888	37.8	13.9	7.18	2.88	0.788	2.52	B 44	25.3	26.4	24
25	26.48	7.348	B 04	36.2	13.2	7.21	2.83	0.878	2.84	B 37	25.8	25.3	25
26	26.88	7.188	10.2	32.7	12.4	B 84	2.43	0.812	3.34	B 87	26.5	24.7	26
27	26.88	7.088	12.0	30.7	11.8	B 75	2.43	0.858	3.78	B 88	27.7	23.4	27
28	26.88	B 938	14.0	28.1	10.8	B 80	2.23	0.800	4.18	B 84	27.4	22.3	28
29	26.48		16.1	27.1	10.5	B 80	2.23	0.493	4.58	11.2	26.8	20.8	29
30	26.88		18.0	27.0	B 81	B 48	2.08	0.878	4.74	12.3	26.3	20.2	30
31	24.88		22.6		B 83		1.88	0.831		13.8		18.1	31
TOTAL	898.0	273.43	248.24	1 871.8	611.34	218.08	120.78	33.808	41.267	285.83	580.8	1 101.8	TOTAL
MEAN	28.8	B 77	7.84	55.7	19.7	7.27	3.90	1.08	1.38	B 88	19.7	35.8	MEAN
MAX	34.0	14.2	22.8	90.1	28.8	B 84	8.31	1.88	4.74	13.8	27.7	50.8	MAX
MIN	14.8	B 93	B 33	27.0	B 83	B 32	1.88	0.493	0.388	4.86	14.8	18.1	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 18.8
MAXIMUM DAILY, 90.1 ON APR 10
MINIMUM DAILY, 0.388 ON SEP 8
MAXIMUM INSTANTANEOUS,
90.4 AT 19.31 AST ON APR 9

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 20 00 N
LONG 65 12 18 W
DRAINAGE AREA, 723 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	51 800	JUL	10 400
FEB	23 800	AUG	3 920
MAR	21 300	SEP	3 580
APR	144 000	OCT	35 800
MAY	62 800	NOV	51 000
JUN	18 800	DEC	95 200

TOTAL DISCHARGE 501 000 dam³

MERSEY RIVER BELOW MILL FALLS - STATION NO. 01ED007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.188	4.008	2.138	19.2	6.46	3.33	2.82	0.567	0.188	4.11	5.88	18.6	1
2	5.658	3.908	2.108	27.1	7.80	3.14	2.76	0.545	0.187	4.47	7.08	22.4	2
3	5.188	3.778	2.078	33.3	7.08	2.95	2.62	0.521	0.158	4.58	8.88	22.9	3
4	5.508	3.688	2.038	41.1	6.56	2.78	2.46	0.518	0.140	5.45	8.81	26.7	4
5	5.088	3.578	2.018	46.0	6.86	2.62	2.87	0.567	0.144	6.80	7.00	27.4	5
6	6.638	3.478	1.988	48.8	6.18	2.80	2.75	0.570	0.143	6.38	6.83	25.8	6
7	6.208	3.378	1.968	50.6	6.40	2.77	3.40	0.521	0.148	5.84	6.82	23.1	7
8	7.938	3.288	1.928	50.4	6.21	2.70	2.18	0.488	0.132	5.78	8.26	20.3	8
9	7.648	3.198	1.908	47.9	9.00	2.88	2.06	0.455	0.153	5.18A	6.09	17.7	9
10	7.348	3.138	1.888	42.9	8.83	2.73	2.01	0.453	0.227	5.20E	6.06	15.6	10
11	7.068	3.048	1.878	37.5	8.01	2.67	1.88	0.405	0.225	5.20E	5.20	14.2	11
12	6.828	2.988	1.848	32.9	8.85	2.55	1.77	0.395	0.206	5.80E	6.42	14.8	12
13	6.588	2.928	1.828	28.5	8.49	2.70	1.68	0.388	0.197	5.70E	7.81	14.0	13
14	8.358	2.848	1.808	25.6	7.83	2.88	1.53	0.328	0.264	5.80E	7.67	13.0	14
15	8.108	2.758	1.788	23.0	7.25	3.54	1.49	0.312	0.442	6.62A	7.38	11.8	15
16	5.958	2.718	1.788	20.7	6.70	3.59	1.41	0.308	0.426	4.50	7.31	11.5	16
17	5.738	2.888	1.778	18.5	6.11	3.72	1.33	0.284	0.462	4.21	7.27	10.8	17
18	5.558	2.808	1.768	17.3	5.70	3.59	1.26	0.253	0.522	4.00	7.53	10.4	18
19	5.438	2.588	1.748	16.0	5.26	3.56	1.16	0.247	0.425	3.89	7.76	10.3 B	19
20	5.288	2.518	1.738	15.1	4.87	3.89	1.08	0.227	0.397	3.87	8.01	10.1 B	20
21	5.208	2.478	1.728	14.1	4.69	3.85	1.03	0.224	0.844	3.40	10.7	9.75E	21
22	5.178	2.428	1.908	13.4	4.48	3.58	0.975	0.211	1.58	4.02	11.2	9.40E	22
23	5.258	2.378	2.198	12.5	4.41	3.82	0.950	0.210	2.46	4.32	11.1	9.15E	23
24	5.358	2.338	2.628	11.3	4.49	3.99	0.890	0.188	2.15	4.04	10.6	8.80E	24
25	5.468	2.308	2.828	10.3	4.34	3.88	0.805	0.182	1.98	3.94	10.9	8.45E	25
26	5.478	2.278	3.268	9.56	4.09	3.46	0.830	0.157	2.53	4.14	11.2	8.15B	26
27	5.428	2.238	4.098	8.62	3.82	3.30	0.833	0.184	3.30	4.20	11.5	7.80B	27
28	4.998	2.198	4.928	7.79	3.63	3.17	0.750	0.168	3.88	4.28	10.6	7.70B	28
29	4.658		7.188	8.04	3.66	3.17	0.709	0.140	4.18	5.56	9.97	7.50B	29
30	4.388		10.1 B	8.83	3.40	3.08	0.638	0.212	4.13	5.87	8.38	7.38B	30
31	4.178		14.9 B		3.33		0.805	0.198		5.69		7.10B	31
TOTAL	200.71	81.50	93.49	748.18	195.93	95.22	48.535	10.498	32.136	155.45	247.74	432.65	TOTAL
MEAN	6.47	2.91	3.02	24.9	6.32	3.17	1.57	0.339	1.07	5.01	8.26	14.0	MEAN
MAX	8.60	4.00	14.5	50.6	9.40	3.72	2.87	0.619	4.18	6.87	11.5	27.4	MAX
MIN	4.17	2.19	1.72	7.79	3.33	2.55	0.805	0.140	0.132	3.40	6.06	7.10	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.42
MAXIMUM DAILY, 50.6 ON APR 7
MINIMUM DAILY, 0.132 ON SEP 8
MAXIMUM INSTANTANEOUS,
50.8 AT 03:24 AST ON APR 7

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 26 14 N
LONG 65 13 24 W
DRAINAGE AREA, 295 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	17 300	JUL	4 190
FEB	7 040	AUG	807
MAR	8 080	SEP	2 780
APR	64 600	OCT	13 400
MAY	16 900	NOV	21 400
JUN	8 230	DEC	37 400

TOTAL DISCHARGE, 202 000 dam³

METEGHAN RIVER NEAR METEGHAN RIVER - STATION NO 01DA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.72	3.34E	1.82E	18.9	2.18	1.64	1.04	0.710	0.275	0.509	3.42	13.0	1
2	3.86	3.24E	1.58E	22.6	2.05	1.59	1.00	0.703	0.277	0.696	3.50	16.7	2
3	4.73	3.16E	1.54E	24.2	1.98	1.50	1.03	0.739	0.315	0.643	3.41	17.4	3
4	5.22	3.04E	1.52E	24.1	1.93	1.47	1.03	0.780	0.332	0.690	3.38	16.7	4
5	5.11	2.97E	1.48B	22.9	2.00	1.40	1.03	0.652	0.325	0.610	3.33	15.8	5
6	4.89B	2.86E	1.46B	20.8	2.71	1.45	0.987	0.679	0.320	0.603	3.19	14.2	6
7	4.73B	2.76E	1.43B	18.7	3.78	1.45	0.920	0.681	0.320	0.674	3.11	12.8	7
8	4.48B	2.71E	1.41B	17.1	4.20	1.39	0.851	0.619	0.279	0.744	3.08	11.2	8
9	4.24B	2.68E	1.38B	14.9	4.38	1.30	0.836	0.584	0.314	0.884	2.99	9.84	9
10	3.97B	2.58E	1.38B	12.9	4.30	1.32	0.949	0.583	0.384	0.931	2.87	9.00	10
11	3.71E	2.52E	1.33B	10.9	4.25	1.13	0.973	0.632	0.371	1.00	2.87	8.52	11
12	4.65E	2.43E	1.30B	9.45	3.86	1.18	0.963	0.611	0.383	1.08	3.87	8.55	12
13	4.40E	2.38E	1.28B	8.31	3.86	1.28	0.926	0.614	0.388	1.15	4.55	8.80	13
14	4.18E	2.33E	1.27B	7.11	3.87	1.27	0.957	0.608	0.489	1.26	5.00	8.21	14
15	3.97E	2.27E	1.26B	5.88	3.43	1.33	0.985	0.552	0.532	1.40	5.23	8.70	15
16	3.74E	2.22E	1.25B	5.33	3.43	1.27	0.975	0.347	0.433	1.59	5.23	8.58	16
17	3.54E	2.17E	1.24B	4.81	3.25	1.30	0.998	0.318	0.386	1.44	5.09	7.88	17
18	3.36E	2.13E	1.23B	4.27	3.01	1.28	0.884	0.284	0.348	1.45	4.81	7.20	18
19	3.20E	2.07E	1.22B	4.12	2.76	1.23	0.880	0.247	0.319	1.43	4.78	6.73B	19
20	3.04E	2.02E	1.21B	3.74	2.56	1.17	1.13	0.270	0.343	1.38	4.89	6.07	20
21	2.90E	1.98E	1.21B	3.51	2.38	1.14	0.895	0.308	0.801	1.44	5.43	5.78	21
22	2.72E	1.94E	1.70B	3.38	2.26	1.18	0.873	0.307	0.708	1.67	5.83	5.43	22
23	3.38E	1.89E	2.39	3.20	2.12	1.18	0.848	0.282	0.838	1.88	5.44	5.14	23
24	4.39E	1.86E	2.82	2.87	2.13	1.22	0.832	0.268	0.573	1.88	5.25	4.85	24
25	4.27E	1.82E	3.36	2.70	2.02	1.18	0.815	0.197	0.536	1.74	5.14	4.88	25
26	4.07E	1.77E	4.20	2.46	1.88	1.18	0.801	0.227	0.513	1.88	5.39	4.83	26
27	3.85E	1.73E	5.77	2.33	1.84	1.10	0.855	0.210	0.395	1.85	5.42	4.28	27
28	3.64E	1.88E	7.21	2.21	1.72	1.10	0.784	0.208	0.417	1.88	5.08	4.02	28
29	3.70E		8.62	2.13	1.72	1.11	0.771	0.284	0.398	2.24	4.78	3.80B	29
30	3.89E		10.6	2.10	1.71	1.08	0.788	0.282	0.383	2.85	4.88	3.64B	30
31	3.46E		13.5		1.71		0.707	0.259		3.10		3.44B	31
TOTAL	123.24	66.55	86.93	287.86	85.33	38.29	28.391	13.885	12.125	42.006	130.66	288.35	TOTAL
MEAN	3.98	2.38	2.87	9.60	2.75	1.28	0.916	0.448	0.404	1.35	4.36	6.86	MEAN
MAX	6.22	3.34	13.5	24.2	4.38	1.84	1.12	0.780	0.801	3.10	5.83	17.4	MAX
MIN	2.72	1.88	1.21	2.10	1.71	1.08	0.707	0.197	0.288	0.609	2.87	3.44	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.25
MAXIMUM DAILY, 24.2 ON APR 3
MINIMUM DAILY, 0.197 ON AUG 25
MAXIMUM INSTANTANEOUS,
24.4 AT 00:41 AST ON APR 4

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 12 58 N
LONG 65 07 02 W
DRAINAGE AREA, 167 km²

B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	10 600	JUL	2 450
FEB	5 750	AUG	1 200
MAR	7 680	SEP	1 050
APR	24 900	OCT	3 630
MAY	7 370	NOV	11 300
JUN	3 310	DEC	23 200

TOTAL DISCHARGE, 102 000 dam³

MIDDLE RIVER OF PICTOU AT ROCKLIN - STATION NO. 01DP004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.40 B	0.4608	0.2638	19.4 B	2.71	0.884	0.293	0.208	0.058	1.25	4.24	5.69	1
2	1.44 B	0.4508	0.2808	20.4 B	2.48	0.884	0.220	0.125	0.350	4.02	3.20	5.87	2
3	1.88 B	0.4388	0.2778	17.2 B	2.00	0.803	0.195	0.097	0.170	1.92	2.74	4.69	3
4	1.50 B	0.4208	0.2738	15.9	1.73	0.444	0.184	0.105	0.125	2.47	3.08	3.43	4
5	1.35 B	0.4028	0.2698	14.0	1.58	0.411	0.287	0.094	0.088	1.84	2.82	3.48	5
6	1.20 B	0.3928	0.2668	13.3	1.87	0.595	0.258	0.084	0.076	1.43	2.24	2.81	6
7	1.08 B	0.3808	0.2628	14.0	4.28	1.80	0.209	0.088	0.048	1.05	1.92	2.89	7
8	1.20 B	0.3678	0.2598	11.4	2.48	0.839	0.181	0.087	0.048	1.62	1.87	2.17	8
9	1.07 B	0.3578	0.2548	8.24	1.80	0.819	0.149	0.057	0.416	1.79	1.87	1.98	9
10	1.00 B	0.3528	0.2518	7.31	1.48	1.53	0.151	0.055	1.85	1.27	1.49	1.83	10
11	0.9408	0.3458	0.2478	7.16	1.30	1.46	0.124	0.111	0.750	1.08	1.43	1.82	11
12	0.9008	0.3408	0.2448	6.76	1.19	0.990	0.115	0.201	0.402	1.03	18.1	2.58	12
13	1.03 B	0.3388	0.2418	5.82	1.44	1.44	0.118	0.136	0.270	0.810	14.3	2.35	13
14	0.9508	0.3308	0.2378	4.51	1.10	1.22	0.097	0.080	0.748	0.637	5.91	1.91	14
15	0.8908	0.3258	0.2348	3.77	0.933	1.34	0.090	0.065	2.65	0.761	5.63	1.75	15
16	0.8408	0.3208	0.2528	3.61	1.26	0.974	0.085	0.059	0.845	0.675	4.65	1.71	16
17	0.7908	0.3188	0.3208	3.95	1.07	0.737	0.073	0.078	1.92	0.615	3.51	1.85	17
18	0.7308	0.3188	0.4808	5.26	0.811	0.611	0.088	0.084	1.46	0.567	3.40	1.73	18
19	0.6908	0.3138	0.6908	7.03	0.647	0.488	0.072	0.044	0.883	0.582	3.15	1.52	19
20	0.6588	0.3108	0.9408	5.57	0.758	0.415	0.070	0.040	0.651	0.488	2.92	1.448	20
21	0.6308	0.3068	1.45 B	4.43	0.635	0.370	0.085	0.040	0.845	0.462	7.06	1.358	21
22	0.6008	0.3068	2.05 B	4.50	0.619	0.317	0.084	0.038	5.87	2.09	7.05	1.828	22
23	0.5808	0.3028	2.95 B	3.71	1.06	0.267	0.091	0.175	3.27	1.65	4.16	1.628	23
24	0.5408	0.3008	3.90 B	3.88	0.957	0.388	0.109	0.118	1.75	1.26	4.33	1.428	24
25	0.5108	0.2988	5.50 B	3.40	0.731	1.01	0.094	0.086	1.12	1.16	8.43	1.358	25
26	0.4808	0.2838	8.00 B	1.93	0.802	0.841	0.090	0.080	0.873	4.58	4.68	1.288	26
27	0.4558	0.2908	12.0 B	1.73	0.508	0.354	0.108	0.044	0.874	2.18	3.65	1.248	27
28	0.4388	0.2888	17.0 B	1.62	0.465	0.728	0.086	0.040	0.584	1.69	2.94	1.188	28
29	0.4158		14.7 B	3.42	0.567	0.897	0.058	0.038	0.477	11 B	2.41	1.148	29
30	0.4008		12.2 B	4.67	0.511	0.389	0.048	0.035	0.385	7.89	2.19	1.108	30
31	0.3908		15.2 B		0.550		0.079	0.045		4.77		1.088	31
TOTAL	28.781	9.869	101.489	225.88	41.358	23.836	3.830	2.523	29.494	85.788	134.85	72 63	TOTAL
MEAN	0.883	0.345	3.27	7.52	1.33	0.785	0.127	0.081	0.983	2.12	4.50	2.34	MEAN
MAX	1.88	0.480	17.0	20.4	4.28	1.80	0.295	0.208	5.87	11.8	18.1	5.89	MAX
MIN	0.390	0.288	0.234	1.82	0.488	0.287	0.048	0.035	0.048	0.482	1.43	1.08	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.02
MAXIMUM DAILY, 20.48 ON APR 2
MINIMUM DAILY, 0.035 ON AUG 30

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 29 50 N
LONG 62 46 51 W
DRAINAGE AREA, 92.2 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 310	JUL	340
FEB	835	AUG	218
MAR	5 770	SEP	2 550
APR	19 500	OCT	5 880
MAY	3 570	NOV	11 700
JUN	2 030	DEC	6 270

TOTAL DISCHARGE, 83 800 dam³

MOOSE PIT BROOK AT TUPPER LAKE - STATION NO 01EE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.356	0.2048	0.1048	1.88	0.522E	0.185	0.181	0.015	0.022	0.138E	0.725E	1.88	1
2	0.375	0.1978	0.1048	3.28	0.480E	0.154	0.126	0.015	0.021	0.334E	0.805E	2.83	2
3	0.616	0.1908	0.1058	3.34	0.420E	0.130	0.109	0.014	0.020	0.758A	0.707E	2.06	3
4	0.686	0.1838	0.1068	3.31	0.385E	0.108	0.102	0.014	0.018	0.842E	0.640E	1.45	4
5	0.580	0.1768	0.1058	3.35	0.343E	0.088	0.140A	0.018	0.018	0.990E	0.575E	1.13	5
6	0.456	0.1728	0.1028	3.10	0.388E	0.105	0.124A	0.018	0.015	1.30 E	0.510E	0.905	6
7	0.4188	0.1678	0.0998	3.04	0.434E	0.159	0.104A	0.016	0.012	0.720A	0.470E	0.738	7
8	0.3768	0.1618	0.0978	2.71	0.515E	0.136	0.081A	0.017	0.012	0.534	0.328E	0.581	8
9	0.3408	0.1548	0.0958	2.08 A	0.618E	0.151	0.088A	0.017	0.016	0.429	0.281E	0.507	9
10	0.3088	0.1518	0.0938	1.72 E	0.660E	0.170	0.083A	0.016	0.030	0.337	0.240E	0.488	10
11	0.2888	0.1478	0.0918	1.48 E	0.483E	0.155	0.078A	0.013	0.040	0.285	0.288E	0.481	11
12	0.3188	0.1428	0.0908	1.22 E	0.378E	0.128	0.075E	0.012	0.033	0.283	0.338E	0.785	12
13	0.2888	0.1388	0.0898	1.03 E	0.300E	0.148	0.073E	0.013	0.028	0.286	0.402E	0.789	13
14	0.2888	0.1348	0.0888	0.898E	0.298A	0.187	0.072E	0.014	0.053	0.226	0.468E	0.851	14
15	0.2488	0.1328	0.0878	0.788E	0.288	0.315	0.080A	0.013	0.097	0.198	0.485E	0.545	15
16	0.2388	0.1308	0.0858	0.888E	0.263	0.277	0.047	0.010	0.068	0.188	0.450E	0.480	16
17	0.2238	0.1278	0.0848	0.561E	0.248	0.246	0.034	0.011	0.074	0.187	0.402A	0.482	17
18	0.210	0.1258	0.0838	0.520E	0.220	0.220	0.026	0.012	0.081	0.184	0.377	0.390	18
19	0.216	0.1228	0.0828	0.495E	0.188	0.183	0.028	0.012	0.080	0.145	0.400	0.351	19
20	0.267	0.1218	0.0818	0.485E	0.173	0.168	0.025	0.011	0.052	0.132	0.481	0.321	20
21	0.280	0.1188	0.0788	0.483E	0.164	0.133	0.022	0.008	0.385	0.124	1.08	0.334	21
22	0.242	0.1168	0.0918	0.464E	0.153	0.113	0.020	0.005	0.592	0.238	1.17	0.378	22
23	0.315	0.1158	0.1408	0.438E	0.146	0.103	0.022	0.018	0.583	0.281	0.974	0.386	23
24	0.509	0.1128	0.2338	0.400E	0.218	0.153	0.017	0.014	0.902	0.252	0.778	0.318	24
25	0.584	0.1118	0.3898	0.375E	0.230	0.195	0.014A	0.014	0.411	0.338	0.680	0.287	25
26	0.4108	0.1088	0.5308	0.347E	0.192	0.207	0.027E	0.011	0.284A	0.239	0.567	0.274	26
27	0.3138	0.1078	0.8208	0.318E	0.188	0.184	0.030E	0.008	0.1118	0.228	0.511	0.250	27
28	0.2788	0.1088	1.07 B	0.292E	0.183	0.147	0.021A	0.007	0.078E	0.202A	0.438	0.238	28
29	0.2588		1.24 B	0.400E	0.134	0.314	0.019	0.012	0.078E	0.385E	0.376	0.219	29
30	0.2398		1.43 B	0.463E	0.120	0.188	0.020	0.017	0.085E	0.513E	0.383	0.214	30
31	0.2248		1.88 B		0.138		0.018	0.022		0.630E		0.215	31
TOTAL	10.712	3.872	9 884	38.800	8.247	5.017	1.885	0.415	3.835	11.700	16 232	20 840	TOTAL
MEAN	0.346	0.142	0.312	1 30	0.288	0 187	0 080	0 013	0 128	0 277	0 541	0 675	MEAN
MAX	0.686	0.204	1.88	3.35	0.618	0.315	0 181	0 022	0 592	1.30	1 17	2 82	MAX
MIN	0.210	0.106	0.078	0.292	0.120	0 088	0 014	0.008	0.012	0.124	0 240	0.214	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 383
MAXIMUM DAILY, 3.35 ON APR 5
MINIMUM DAILY, 0.005 ON AUG 23
MAXIMUM INSTANTANEOUS,
3.58 AT 05:45 AST ON APR 7

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 27 43 N
LONG 65 02 55 W
DRAINAGE AREA, 17 7 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	926	JUL	161
FEB	343	AUG	39 9
MAR	635	SEP	331
APR	3 360	OCT	1 010
MAY	789	NOV	1 400
JUN	433	DEC	1 810

TOTAL DISCHARGE, 11 400 dam³

MUSQUODOBOIT RIVER AT CRAWFORD FALLS - STATION NO. 01EK001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11.6	5.49	2.388	74.7	34.0	5.24	5.32	0.828	0.944	9.87	72.7	48.2	1
2	10.8	6.15	2.358	78.2	28.9	5.35	4.10	0.795	1.28	15.0	58.8	77.5	2
3	11.5	7.82	2.328	101	20.3	7.41	3.38	0.696	3.21	20.6	40.9	85.5	3
4	15.4	7.42	2.308	115	16.7	8.11	2.80	0.780	4.07	19.7	28.3	77.6	4
5	16.0	8.91	2.278	110	14.6	8.18	2.83	0.757	3.23	24.1	23.6	58.2	5
6	13.7	5.38	2.248	98.7	14.2	4.71	2.83	0.763	2.86	21.7	20.5	40.4	6
7	11.8	6.13	2.228	82.6	23.6	5.43	2.79	0.723	3.18	17.2	17.9	29.3 A	7
8	12.0	5.77	2.218	66.3	36.2	6.29	2.41	0.702	1.80	15.1	15.8	25.2 A	8
9	11.5	5.47	2.198	78.3	25.7	7.04	2.19	0.680	1.86	25.0	14.0	21.1	9
10	9.82	5.31	2.188	86.6	19.1	8.56	1.93	0.655	5.38	24.4	13.0	18.7	10
11	8.50	5.26	2.178	85.0	15.7	8.27	1.73	0.735	9.77	19.7	12.7	17.3	11
12	11.4	5.03	2.158	64.3	13.6	7.22	1.58	1.89	7.98	17.3	27.6	27.4	12
13	12.5	4.63	2.148	36.1	13.1	6.28	1.52	4.57	6.32	15.5	75.7	43.1	13
14	11.4	4.54	2.138	28.6	12.6	6.38	1.35	3.98	5.13	15.1	91.4	36.3	14
15	10.3	4.34	2.09	24.3	11.1	9.32	1.28	3.01	22.7	13.5	89.9	25.8	15
16	8.56	4.10	2.10	21.6	11.6	10.5	1.20	2.29	29.2	11.9	73.0	20.6	16
17	7.76	3.87	2.118	18.9	13.2	8.36	1.08	1.87	23.0	10.7	46.7	17.5 B	17
18	8.73	3.84	2.108	18.3	11.4	6.88	0.958	1.85	32.3	9.70	29.0	14.6 B	18
19	7.31	3.61	2.08	17.8	8.88	5.82	0.873	1.47	26.8	8.18	24.4	12.1 B	19
20	7.86	3.30	2.23	17.6	8.84	4.83	0.791	1.32	17.8	8.96	21.8	10.9 B	20
21	8.85	3.09	3.05	18.8	7.83	4.21	0.738	1.11	15.8	8.28	25.4	13.0 B	21
22	8.24	2.91	5.89	18.8	6.88	3.82	0.707	0.944	41.0	10.4	57.2	14.2 B	22
23	8.77	2.78	12.0	18.3	7.02	3.13	0.697	1.14	67.0	22.1	84.7	13.8 B	23
24	16.0	2.84	16.0	18.0	6.25	2.76	0.646	1.24	48.1	19.8	55.8	11.9 B	24
25	19.3	2.67	24.8	13.7	7.72	2.58	0.618	1.81	31.2	15.4	42.6	9.788	25
26	15.9	2.598	31.1	12.4	8.58	2.81	0.645	1.83	22.1	18.1	40.6	9.238	26
27	13.4	2.488	40.6	11.0	8.77	2.58	0.778	1.35	17.2	24.1	35.6	8.878	27
28	12.1	2.438	50.9	10.1	9.18	3.26	0.844	1.15	14.2	20.0	29.5	8.118	28
29	11.0		58.1	11.8	9.09	8.23	0.924	1.04	12.3	34.3	24.2	7.088	29
30	9.86		66.0	26.5	8.28	6.56	0.926	1.01	10.7	65.4	20.7	6.388	30
31	8.90		76.5		8.05		0.852	0.909		78.3		6.748	31
TOTAL	346.78	131.77	434.70	1 334.1	421.81	178.88	81.484	43.148	476.904	639.44	1 203.8	813.17	TOTAL
MEAN	11.3	4.71	14.0	44.5	13.6	5.80	1.68	1.39	15.9	20.6	40.1	26.2	MEAN
MAX	19.3	8.48	76.5	115	36.2	10.5	5.32	4.57	67.0	78.3	91.4	85.5	MAX
MIN	8.24	2.42	2.08	10.1	5.05	2.58	0.618	0.695	0.944	8.28	12.7	6.74	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 16.8
MAXIMUM DAILY, 115 ON APR 4
MINIMUM DAILY, 0.618 ON JUL 25
MAXIMUM INSTANTANEOUS,
115 AT 13:30 AST ON APR 4

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 53 18 N
LONG 63 13 18 W
DRAINAGE AREA, 850 km²
A - MANUAL GAUGE
B - ICE CONDITIONS

REGULATED SINCE 1966

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	30 100	JUL	4 550
FEB	11 400	AUG	3 720
MAR	37 500	SEP	41 200
APR	115 000	OCT	55 200
MAY	36 400	NOV	104 000
JUN	15 300	DEC	70 300

TOTAL DISCHARGE, 525 000 dam³

NORTH LITTLE RIVER BELOW BEAVER DAM LAKE - STATION NO. 01FA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.8408	0.8938	0.0838	1 78 B	2.35	0.181	0.803	0	0 184	0.230	1 97	0.840	1
2	0.4808	0.7808	0.0838	3 50 B	1 70	0.087	0 483	0	0 188	2.02	1.87	1 82	2
3	0 5358	1.85	0.0878	4.30 B	1.17	0 078	0.301	0	0 183	1 83	1.24	1 40	3
4	0.3808	0.644	0 0858	4 75 B	0 845	0.087	0 188	0.001	0 128	2 38	1 43	0 998	4
5	0 3258	0.541	0 0838	5 09	0 609	0.085	0 153	0.008	0 108	2 02	1 84	0.819	5
6	0.3008	0.4008	0 0828	4 24	0 485	0.048	0.142	0.022	0.081	1.30	1.88	0.887	6
7	0.3758	0.3258	0 0808	6.34	0 848	0.270	0 110	0.057	0.088	0.810	1.72	1 44	7
8	0.2808	0.2858	0.0488	5.02	0 832	0 828	0.081	0 122	0.087	0.871	1.24	1.34	8
9	0.2508	0.2348	0.0488	4.58	0.840	0.475	0.081	0 181	0.099	0.842	0.823	1.01	9
10	0.2278	0.2108	0.0478	3 78	0 484	0.447	0.036	0.261	0 728	0 482	0.770	0.740	10
11	0 2128	0.1908	0.0488	3.17	0.377	0 412	0.027	0.228	0.813	0 423	0.684	0.686	11
12	0.2808	0.1728	0.0488	2.84	0.305	0.348	0 024	0.388	0 886	0.389	2.58	1.02	12
13	0.2268	0.1688	0.0448	2.58	0.441	0.286	0.023	0.412	0 486	0.361	5.04	1.88	13
14	0.1938	0.1488	0.0438	2.11	0.488	0.261	0 022	0.421	0 880	0.298	3.85	1.80	14
15	0.1768	0.1388	0.0428	1.83	0.483	0.223	0.019	0.403	0 15	0.223	2.81	1.12	15
16	0 1638	0.1278	0.0428	1.60	0 487	0.200	0.018	0.393	2 84	0 188	1 87	0.848	16
17	0 1558	0.1188	0.0418	1 60	0 487	0 188	0 018	0 388	1 89	0 158	1.11	0.720	17
18	0.1478	0.1088	0.0408	1 54	0 478	0 122	0.015	0 378	2.05	0.107	0.835	0.675	18
19	0.1388	0.1018	0.0808	2.81	0 447	0.083	0 013	0.363	1.31	0.080	0.887	0 480	19
20	0.1348	0.0888	0.1588	3.33	0.434	0.070	0.010	0.300	0 825	0.084	0.828	0.3988	20
21	0.1288	0.0818	0.2188	2.78	0.410	0.086	0.008	0.182	0.878	0.108	1.02	0.387	21
22	0.1288	0.0888	0.3108	2.89	0.384	0.053	0.008	0.144	0.777	0.828	2.47	0.371	22
23	0.3068	0.0628	0.4388	2.03	0.428	0.048	0.008	0.136	0.787	1.78	2.18	0.3318	23
24	0.6808	0.0768	0.3008	1.48	0.412	0.043	0.004	0.122	0.884	1.20	1.48	0.328	24
25	0.8908	0.0788	0.2308	1.13	0.408	0.088	0.003	0.120	0.471	0.898	1.04	0.288	25
26	0.7788	0.0718	0.3708	0.888	0.388	0.024	0.003	0.147	0.377	1.88	0.771	0.2838	26
27	0.8108	0.0688	0.7808	0.833	0.378	0.008	0.004	0.188	0.321	1.81	0.882	0.2878	27
28	0.5808	0.0658	1.30 B	0.884	0.188	0.034	0.002	0.180	0.318	1.11	0.478	0.2618	28
29	0.4108		2.80 B	0.870	0.187	2.18	0.001	0.148	0.248	1.84	0.387	0.2488	29
30	0.4758		2.60 B	1.87	0.108	1.38	0.001	0.172	0.203	2.88	0.328	0.2388	30
31	1.22 B		2.10 B		0.087		0	0.188		2.27		0.2348	31
TOTAL	11 798	8.327	12.831	81 488	16.884	9.071	2.887	6.072	22.038	30.810	48.098	22.885	TOTAL
MEAN	0.380	0.297	0.404	2.72	0.648	0.302	0.083	0.198	0.735	0.884	1.80	0.741	MEAN
MAX	1.22	1.85	2.80	6.34	2.35	2.18	0.803	0.421	4.18	2.88	5.04	1.88	MAX
MIN	0.128	0.068	0.040	0.484	0.087	0.008	0	0	0.087	0.084	0.33A	0.234	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0 728
MAXIMUM DAILY, 6 34 ON APR 7
MINIMUM DAILY, 0 ON JUL 31
MAXIMUM INSTANTANEOUS,
7.07 AT 16:28 AST ON APR 7

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 37 50 N
LONG 61 17 05 W
DRAINAGE AREA, 36.7 km²

B - ICE CONDITIONS

REGULATED SINCE 1973

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 820	JUL	222
FEB	718	AUG	535
MAR	1 980	SEP	1 800
APR	7 040	OCT	2 840
MAY	1 470	NOV	3 800
JUN	784	DEC	1 800

TOTAL DISCHARGE, 23 300 dam³

NORTH RIVER AT NORTH RIVER - STATION NO. 01DH004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.20 B	0.8108	0.4868	28.0 B	8.88	2.04	0.811	0.168	0.220	1.83	8.83	28.7	1
2	2.00 B	0.7808	0.4808	87.0	4.58	1.83	0.468	0.138	0.774	7.92	7.41	17.8	2
3	2.10 B	0.7708	0.4788	52.8	3.87	1.28	0.453	0.151	0.480	4.28	8.15	10.8	3
4	2.20 B	0.7808	0.4708	40.5	3.33	0.843	0.548	0.248	0.285	7.93	8.11	7.41	4
5	2.10 B	0.7408	0.4858	40.7	3.08	0.850	0.758	0.282	0.233	6.82	8.37	8.44	5
6	1.80 B	0.7258	0.4588	41.3	2.07	1.74	0.775	0.185	0.208	4.84	8.45	5.31	6
7	1.85 B	0.7108	0.4508	34.5	8.14	4.52	0.558	0.154	0.181	3.25	4.27	4.80	7
8	1.85 B	0.7008	0.4458	29.2	5.28	2.42	0.483	0.124	0.187	4.89	3.54	3.81	8
9	1.80 B	0.6808	0.4358	18.7	3.85	2.28	0.383	0.107	1.28	5.08	3.33	3.51	9
10	1.45 B	0.6718	0.4308	15.0	2.81	3.52	0.330	0.118	4.84	3.49	3.19	3.32	10
11	1.35 B	0.6808	0.4208	15.0	2.40	3.48	0.284	0.282	1.84	2.85	2.94	3.13	11
12	1.34 B	0.6508	0.4118	14.1	2.18	2.88	0.304	0.274	0.978	2.55	27.7	3.72	12
13	1.30 B	0.6408	0.4088	11.3	2.08	8.28	0.314	0.188	0.581	2.13	27.2	3.56	13
14	1.21 B	0.6308	0.4058	8.87	2.01	5.05	0.318	0.153	3.47	1.87	11.8	2.89	14
15	1.22 B	0.8158	0.4018	7.83	1.72	8.08	0.308	0.134	10.4	1.83	10.7	2.70	15
16	1.16 B	0.6058	0.3988	7.74	1.81	3.75	0.387	0.130	2.83	1.51	7.86	2.52	16
17	1.15 B	0.5958	0.3928	6.89	1.60	2.84	0.348	0.183	3.24	1.38	6.01	2.35	17
18	1.12 B	0.5908	0.3908	13.0	1.47	1.88	0.289	0.150	2.60	1.24	7.84	2.278	18
19	1.10 B	0.5808	0.3808	16.8	1.35	1.80	0.228	0.118	1.89	1.24	9.67	2.128	19
20	1.08 B	0.5708	0.4208	13.0	1.18	1.42	0.203	0.089	1.42	1.13	7.25	1.988	20
21	1.07 B	0.5858	0.5808	10.9	1.08	1.17	0.188	0.0788	1.83	1.07	18.3	1.838	21
22	1.03 B	0.5808	0.7808	12.1	0.983	0.988	0.188	0.090	38.8	17.4	15.4	1.728	22
23	1.01 B	0.5408	1.18 B	8.87	2.12	0.828	0.198	2.34	14.4	8.75	6.98	1.638	23
24	0.9808	0.5308	2.00 B	5.84	1.88	0.850	0.212	0.853	7.58	5.88	8.59	1.528	24
25	0.9808	0.5288	3.80 B	5.85	1.32	1.38	0.283	0.480	4.71	5.08	15.7	1.458	25
26	0.9308	0.5158	4.00 B	4.43	1.08	0.908	0.388	0.319	3.48	12.8	11.4	1.408	26
27	0.9108	0.5108	4.85 B	3.81	0.934	0.738	0.448	0.226	2.81	7.00	7.89	1.388	27
28	0.8908	0.5058	3.20 B	3.14	0.810	1.25	0.398	0.182	2.08	4.85	8.30	1.288	28
29	0.8708		3.00 B	5.83	1.18	1.30	0.272	0.185	1.82	87.9	5.21	1.248	29
30	0.8508		12.0 B	8.03	1.08	0.788	0.233	0.164	1.85	25.4	4.78	1.228	30
31	0.8308		17.0 B		1.11		0.200	0.174		12.3		1.208	31
TOTAL	41.030	17.711	89.185	558.84	78.547	67.651	11.897	6.521	115.075	239.29	275.11	135.68	TOTAL
MEAN	1.32	0.633	2.33	18.0	2.47	2.28	0.377	0.275	3.84	7.72	9.17	4.38	MEAN
MAX	2.20	0.810	17.0	87.0	8.14	8.28	0.848	2.34	38.8	87.9	27.7	28.7	MAX
MIN	0.830	0.505	0.390	3.14	0.810	0.738	0.188	0.078	0.181	1.07	2.94	1.20	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.46
MAXIMUM DAILY, 87.0 ON APR 2
MINIMUM DAILY, 0.0788 ON AUG 31
MAXIMUM INSTANTANEOUS,
137 AT 14:08 AST ON OCT 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 35 30 N
LONG 63 15 20 W
DRAINAGE AREA, 202 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	3 540	JUL	1 010
FEB	1 530	AUG	735
MAR	5 980	SEP	9 940
APR	48 100	OCT	20 700
MAY	8 610	NOV	23 800
JUN	5 850	DEC	11 700

TOTAL DISCHARGE, 140 000 dam³

NORTHEAST MARGAREE RIVER AT MARGAREE VALLEY - STATION NO 01FB001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.008	4.778	3.918	18.8	88.3	8.35	5.28	3.73	3.50	8.10	28.4	31.1	1
2	6.858	4.738	3.888	48.7	48.5	7.48	5.02	3.60	4.18	64.4	23.9	38.4	2
3	6.908	4.698	3.858	78.4	47.3	5.88	5.84	3.40	4.22	32.7	21.0	24.8	3
4	6.758	4.658	3.838	80.2	51.0	5.50	5.48	3.54	3.74	49.0	28.8	18.4	4
5	6.628	4.608	3.818	87.4	44.7	5.24	5.51	3.84	3.48	33.0	29.8	18.1	5
6	6.548	4.808	3.788	74.4	48.6	5.48	5.41	3.41	3.32	21.0	38.7	18.2	6
7	6.488	4.878	3.778	58.3	104	7.81	5.11	3.27	3.28	18.4	28.7	18.5	7
8	6.338	4.548	3.788	44.7	87.8	8.88	4.83	3.15	3.18	13.1	22.4	18.3	8
9	6.288	4.518	3.738	57.3	48.5	8.81	4.78	3.14	3.35	12.8	22.3	18.1	9
10	6.138	4.488	3.718	63.4	43.8	8.04	4.85	3.85	8.70	12.4	30.4	11.2	10
11	6.038	4.458	3.708	34.4	38.5	8.34	4.58	7.28	5.81	10.5	22.8	10.5	11
12	5.958	4.428	3.898	28.5	33.8	8.07	4.53	4.88	4.58	9.33	28.3	11.1	12
13	5.888	4.388	3.888	24.5	41.8	62.0	4.47	3.89	3.88	8.84	88.8	10.2	13
14	5.788	4.388	3.878	20.7	28.5	27.7	4.38	3.41	3.80	8.22	33.0	9.78	14
15	5.728	4.338	3.888	18.8	25.1	17.9	4.32	3.18	84.7	7.78	29.0	9.08	15
16	5.888	4.308	3.858	19.8	25.8	15.8	4.31	3.12	15.5	7.48	29.5	8.808	16
17	5.808	4.278	3.838	21.4	18.8	12.1	4.10	4.27	12.3	7.10	23.2	8.008	17
18	5.538	4.248	3.808	88.4	17.2	10.2	3.96	3.83	36.1	6.88	25.7	7.708	18
19	5.478	4.218	3.858	221	14.4	8.20	3.83	3.28	13.7	6.67	38.3	7.408	19
20	5.438	4.188	4.358	128	13.8	8.88	3.78	3.10	8.88	7.87	26.8	7.108	20
21	5.378	4.158	5.008	133	11.4	8.81	3.88	4.48	7.88	7.78	82.8	8.858	21
22	5.318	4.128	8.708	184	11.4	7.83	3.88	4.05	9.19	28.7	81.4	8.608	22
23	5.268	4.098	6.83	78.8	14.1	7.23	4.01	18.8	8.28	37.0	40.3	8.358	23
24	5.188	4.068	7.78	88.8	10.8	7.03	3.83	8.80	8.23	20.9	29.8	8.108	24
25	5.138	4.038	8.05	81.8	9.81	6.38	3.88	5.88	7.72	15.8	27.7	8.808	25
26	5.078	4.008	10.5	81.0	8.84	7.14	3.84	8.18	7.88	38.1	24.2	8.708	26
27	5.038	3.878	12.8	42.0	8.38	8.88	3.73	5.07	12.3	27.0	20.1	8.888	27
28	4.878	3.848	14.8	38.0	8.33	7.42	3.88	4.41	12.8	18.0	17.3	8.408	28
29	4.838		13.2	38.7	8.20	6.78	3.48	3.92	9.88	84.2	15.5	8.258	29
30	4.878		12.8	72.8	7.78	6.88	3.38	3.82	8.18	87.0	13.8	8.108	30
31	4.838		15.8		7.81		3.34	3.85		33.8		4.858	31
TOTAL	178.88	131.88	191.88	1 930.0	831.37	327.14	138.48	141.73	278.78	885.88	833.1	384.18	TOTAL
MEAN	5.77	4.38	6.18	64.3	38.8	10.8	4.48	4.57	8.29	22.4	30.7	11.4	MEAN
MAX	7.88	4.77	15.8	221	184	62.8	8.38	18.8	84.7	87.8	81.4	38.4	MAX
MIN	4.82	3.84	3.85	18.8	7.78	6.34	3.34	3.18	3.18	6.88	13.8	4.85	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 17.8
MAXIMUM DAILY, 221 ON APR 19
MINIMUM DAILY, 3.18 ON AUG 20
MAXIMUM INSTANTANEOUS,
313 AT 23:13 AST ON APR 21

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 32 10 N
LONG 60 56 35 W
DRAINAGE AREA, 368 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	15 500	JUL	11 800
FEB	10 800	AUG	12 200
MAR	18 800	SEP	24 100
APR	167 000	OCT	80 100
MAY	80 500	NOV	79 700
JUN	28 300	DEC	30 800

TOTAL DISCHARGE 537 000 dam³

NOVA SCOTIA

NORTHWEST BROOK BELOW GRAND LAKE - STATION NO. 01PJ004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	---	---	---	---	---	---	---	0.818	---	1
2	---	---	---	---	---	---	---	---	---	0.057	---	---	2
3	---	---	---	---	---	---	0.074	---	---	---	---	1.03	3
4	---	---	---	---	---	1.30	---	---	---	---	---	---	4
5	---	---	---	---	---	---	---	---	---	---	---	---	5
6	---	---	---	---	---	---	---	0.017	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	---	---	---	7
8	---	---	---	---	---	---	---	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	0.001	---	---	0.773	9
10	---	---	---	---	---	---	---	---	---	---	0.707	---	10
11	---	---	---	---	---	---	---	0.007	0.008	---	---	---	11
12	---	---	---	---	0.811	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	---	---	---	0.034	0.034	---	0.057	---	---	14
15	---	---	---	---	---	---	---	---	---	---	---	1.33	15
16	---	---	---	---	---	0.724	---	---	---	---	---	---	16
17	---	---	---	---	---	0.115	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	---	---	18
19	---	---	---	---	---	---	---	0.010	---	---	---	---	19
20	---	---	---	---	0.480	---	---	---	---	---	0.573	---	20
21	---	---	---	---	---	---	---	---	---	---	---	---	21
22	---	---	---	---	---	---	0.024	---	---	---	---	---	22
23	---	---	---	---	---	---	0.003	---	---	---	---	0.811	23
24	---	---	---	---	---	---	---	0.002	0.027	---	---	---	24
25	---	---	---	---	1.12	0.143	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	---	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	0.838	---	27
28	---	---	---	0.818	0.423	---	---	---	---	---	---	---	28
29	---		---	---	---	---	---	---	---	---	---	0.388	29
30	---		---	---	---	---	0.013	---	---	---	---	---	30
31	---		---		---		---	---		---	---	---	31
TOTAL	---	---	---	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 46 10 07 N
LONG 60 07 08 W
DRAINAGE AREA, 30.9 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

PEMBROKE RIVER AT GLENDERVIE - STATION NO. 01DG018

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.620B	0.268B	0.165B	5.00 B	2.08	0.689	0.275	0.490	0.035E	0.804	3.82	8.55	1
2	1.26 B	0.260B	0.152B	21.8	1.83	0.663	0.210	0.237	0.364	3.18	2.81	5.28	2
3	1.02 B	0.253B	0.150B	16.8	1.44	0.456	0.206	0.134	0.247	1.89	2.48	3.59	3
4	0.910B	0.245B	0.149B	12.2	1.27	0.400	0.146	0.205	0.180	2.85	2.27	2.90	4
5	0.820B	0.239B	0.147B	11.3	1.12	0.276	0.291	0.188	0.108	2.44	2.20	2.46	5
6	0.780B	0.234B	0.146B	10.7	1.05	0.441	0.278	0.083	0.053E	1.58	1.82	2.01	6
7	0.710B	0.228B	0.145B	8.86	3.23	1.17	0.206	0.056E	0.047E	1.31	1.64	1.80	7
8	0.660B	0.224B	0.144B	7.47	2.12	0.716	0.128	0.021E	0.018E	1.81	1.38	1.55	8
9	0.640B	0.222B	0.144B	6.85	1.46	0.769	0.094	0.021E	0.441	1.88	1.34	1.43	9
10	0.610B	0.218B	0.143B	4.84	1.34	0.844	0.073	0.074	1.80	1.48	1.22	1.27	10
11	0.580B	0.212B	0.143B	4.48	1.01	0.848	0.070	0.117	1.04	1.23	1.05	1.20	11
12	0.555B	0.208B	0.143B	3.85	0.885	0.772	0.056E	0.179	0.813	1.21	10.4	1.66	12
13	0.525B	0.205B	0.142B	3.31	1.06	1.48	0.075	0.123	0.333	1.09	8.46	1.43	13
14	0.500B	0.203B	0.141B	2.77	0.780	1.28	0.087	0.097	1.51	0.884	4.52	1.23	14
15	0.475B	0.200B	0.141B	3.24	0.648	1.38	0.0225	0.050E	5.30	0.787	3.88	1.12 B	15
16	0.457B	0.195B	0.140B	2.04	1.02	1.13	0.013E	0.038E	1.86	0.726	2.82	1.00 B	16
17	0.435B	0.192B	0.139B	2.03	0.812	0.868	0.018E	0.024E	4.14	0.633	2.25	0.910B	17
18	0.420B	0.188B	0.139B	2.18	0.720	0.758	0.018E	0.035E	2.91	0.534	2.01	0.855B	18
19	0.410B	0.183B	0.180B	2.38	0.832	0.684	0.018E	0.039E	1.88	0.845	1.85	0.805B	19
20	0.395B	0.178B	0.170B	2.29	0.823	0.447	0.005E	0.021E	1.18	0.587	1.75	0.775B	20
21	0.380B	0.175B	0.280B	2.15	0.881	0.315	0.006E	0.013E	1.82	0.533	4.02	0.760B	21
22	0.365B	0.172B	0.300B	2.00	0.482	0.301	0.009E	0.014E	3.78	2.44	4.81	0.710B	22
23	0.352B	0.170B	0.280B	1.81	0.744	0.302	0.010E	0.225	3.03	2.45	2.90	0.675B	23
24	0.340B	0.168B	0.500B	1.54	0.761	0.323	0.007E	0.280	2.12	1.84	2.61	0.650B	24
25	0.329B	0.165B	0.640B	1.42	0.677	0.783	0.016E	0.182	1.53	1.43	3.81	0.630B	25
26	0.318B	0.163B	0.640B	1.14	0.641	0.428	0.034E	0.085	1.13	3.87	3.36	0.615B	26
27	0.306B	0.160B	1.10 B	1.06	0.613	0.305	0.080	0.050E	0.676	2.50	2.80	0.595B	27
28	0.300B	0.158B	1.30 B	0.985	0.430	0.891	0.057	0.033E	0.621	1.73	1.88	0.570B	28
29	0.280B		1.80 B	1.71	0.527	0.814	0.026E	0.013E	0.780	14.4	1.77	0.555B	29
30	0.265B		2.80 B	2.55	0.368	0.480	0.016E	0.015E	0.566	9.02	1.80	0.540B	30
31	0.276B		3.80 B		0.505		0.037E	0.021E		4.78		0.520B	31
TOTAL	16.439	5.861	18.553	149.236	31.089	20.957	2.579	3.180	40.004	72.144	80.84	46.745	TOTAL
MEAN	0.530	0.203	0.534	4.97	1.00	0.699	0.083	0.103	1.33	2.33	3.03	1.51	MEAN
MAX	1.36	0.268	3.80	21.8	3.23	1.48	0.291	0.490	5.30	14.4	10.4	8.55	MAX
MIN	0.276	0.158	0.138	0.985	0.368	0.276	0.005	0.013	0.018	0.533	1.08	0.520	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.38
MAXIMUM DAILY, 21.8 ON APR 2
MINIMUM DAILY, 0.005E ON JUL 20
MAXIMUM INSTANTANEOUS
32.5 AT 14 08 AST ON APR 2

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 15 54 N
LONG 62 56 29 W
DRAINAGE AREA, 73.3 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 420	JUL	223
FEB	491	AUG	275
MAR	1 430	SEP	3 460
APR	13 000	OCT	6 230
MAY	2 680	NOV	7 830
JUN	1 810	DEC	4 040

TOTAL DISCHARGE, 42 800 dam³

RIGHTS RIVER NEAR ANTIGONISH - STATION NO. 01DR003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.00 B	1.27 B	0.1858	9.408	3.70	0.533	0.427	0.071	0.026	0.881	3.87	2.80	1
2	0.9008	0.8958	0.1808	11.2	2.38	0.397	0.352	0.063	0.039	3.65	2.84	2.12	2
3	1.03 B	0.8108	0.1658	13.6	1.90	0.301	0.304	0.111	0.048	3.21	2.17	1.67	3
4	0.9208	0.7008	0.1608	11.8	1.62	0.281	0.285	0.133	0.032	8.76	3.44	1.36	4
5	0.8108	0.8208	0.1758	10.1	1.48	0.235	0.313	0.130	0.026	2.16	3.57	2.83	5
6	0.7458	0.6658	0.1708	11.1	1.86	0.301	0.373	0.062	0.025	1.34	2.71	3.06	6
7	0.8908	0.8048	0.1658	13.8	4.82	0.887	0.276	0.064	0.017	1.04	1.93	2.33	7
8	0.8708	0.4808	0.1808	8.87	2.17	0.487	0.207	0.066	0.018	1.65	1.53	1.87	8
9	0.6805	0.4078	0.1658	5.85	1.82	0.837	0.180	0.053	0.140	1.83	1.82	1.34	9
10	0.5805	0.3678	0.1508	5.48	1.30	1.58	0.170	0.050	0.802	1.07	1.37	1.14	10
11	0.4955	0.3558	0.1488	8.01	1.10	1.21	0.158	0.068	0.412	0.878	1.30	1.07	11
12	0.6008	0.3378	0.1428	5.34	0.861	0.777	0.137	0.124	0.186	0.858	18.6	3.07	12
13	0.6428	0.3208	0.1388	4.09	1.12	1.86	0.128	0.088	0.141	0.728	13.2	2.11	13
14	0.4758	0.3048	0.1368	3.19	0.841	0.833	0.107	0.089	0.504	0.588	4.86	2.04	14
15	0.3958	0.2948	0.1338	2.86	0.731	0.848	0.109	0.053	1.81	0.534	5.80	1.57	15
16	0.3528	0.2838	0.1318	2.68	0.831	0.887	0.098	0.047	0.480	0.481	3.24	1.27 B	16
17	0.3218	0.2728	0.1288	3.35	0.748	0.513	0.081	0.037	0.832	0.438	2.39	1.19 B	17
18	0.3028	0.2638	0.1278	7.86	0.681	0.448	0.072	0.084	0.827	0.434	2.15	1.12 B	18
19	0.2848	0.2548	0.1258	11.8	0.583	0.384	0.056	0.054	0.847	0.509	1.85	1.06 B	19
20	0.2698	0.2478	0.1238	7.78	0.523	0.333	0.051	0.042	0.431	0.447	1.85	1.02 B	20
21	0.2938	0.2388	0.3008	7.83	0.490	0.298	0.049	0.044	0.530	0.482	8.56	0.9808	21
22	0.2418	0.2308	0.4708	8.50	0.417	0.278	0.048	0.050	4.28	2.67	5.79	0.9808	22
23	0.2268	0.2248	0.7808	5.12	0.447	0.237	0.080	0.113	1.79	2.48	3.08	0.9208	23
24	1.05 B	0.2188	1.30 B	3.88	0.433	0.506	0.083	0.115	1.00	1.28	2.36	0.8908	24
25	0.9308	0.2128	2.36 B	3.08	0.380	1.25	0.086	0.082	0.847	1.03	2.56	0.8708	25
26	0.7408	0.2078	3.80 B	2.37	0.335	0.462	0.083	0.047	0.646	7.61	1.98	0.8508	26
27	0.6908	0.2038	7.35 B	1.90	0.310	0.333	0.065	0.036	0.554	3.47	1.82	0.8408	27
28	0.6258	0.2008	5.80 B	1.59	0.298	2.43	0.057	0.032	0.489	1.66	1.57	0.8308	28
29	0.5808		4.80 B	2.48	0.367	1.31	0.042	0.030	0.388	33.5	1.25	0.8208	29
30	0.5408		4.25 B	8.09	0.318	0.597	0.037	0.030	0.304	7.61	1.13	0.8108	30
31	1.68 B		3.80 B		0.428		0.046	0.028		4.48		0.8008	31
TOTAL	19.947	11.348	37.534	195.11	34.798	21.169	4.606	2.078	18.016	83.777	107.54	48.230	TOTAL
MEAN	0.643	0.405	1.21	6.50	1.12	0.706	0.148	0.067	0.601	3.03	3.58	1.48	MEAN
MAX	1.68	1.27	7.35	13.8	4.82	2.43	0.427	0.133	4.28	33.5	18.6	3.11	MAX
MIN	0.228	0.200	0.123	1.59	0.298	0.235	0.037	0.028	0.015	0.434	1.13	0.800	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.62
MAXIMUM DAILY, 33.5 ON OCT 25
MINIMUM DAILY, 0.015 ON SEP 8
MAXIMUM INSTANTANEOUS,
101E AT 13:10 AST ON OCT 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 38 44 N
LONG 62 01 15 W
DRAINAGE AREA, 84.2 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 720	JUL	388
FEB	881	AUG	180
MAR	3 240	SEP	1 560
APR	16 800	OCT	7 100
MAY	3 010	NOV	9 290
JUN	1 830	DEC	3 990

TOTAL DISCHARGE, 51 200 dam³

RIVER INHABITANTS AT GLENORA - STATION NO. 01PA001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.268	6.508	1.228	12.5 B	22.8	2.34	2.94	0.835	0.814	2.82	12.3	14.3	1
2	3.008	5.008	1.208	38.1	12.1	3.11	3.30	0.805	0.820	24.8	4.82	22.2	2
3	3.328	4.008	1.188	86.1	6.82	1.80	2.04	0.881	0.805	13.8	7.73	8.24	3
4	3.108	3.308	1.188	52.5	7.49	1.67	1.88	1.15	0.780	20.7	13.7	5.50	4
5	2.778	2.808	1.148	35.6	6.55	1.80	1.63	1.20	0.729	14.2	11.4	6.66	5
6	2.618	2.408	1.128	46.0	6.05	1.86	1.78	0.913	0.676	7.27	13.3	10.1	6
7	2.858	2.108	1.118	52.8	8.22	4.86	1.86	0.826	0.691	5.20	10.3	14.8	7
8	2.558	1.948	1.108	47.1	7.12	3.53	1.48	0.782	0.673	4.56	7.17	6.56	8
9	2.218	1.828	1.088	36.8	5.44	2.96	1.40	0.786	1.28	5.55	6.88	6.11	9
10	1.988	1.738	1.068	26.9	4.81	4.15	1.27	0.827	16.9	4.16	6.60	5.08	10
11	1.828	1.668	1.078	21.1	4.08	4.13	1.26	0.870	6.37	3.47	5.85	4.52	11
12	2.218	1.618	1.068	18.8	3.73	2.78	1.24	1.10	3.60	3.33	30.8	7.92	12
13	2.028	1.598	1.068	17.4	5.76	3.60E	1.25	1.11	2.18	2.87	47.0	10.0	13
14	1.878	1.568	1.048	13.5	4.48	4.35	1.17	0.877	3.80	2.53	21.4	7.46	14
15	1.788	1.538	1.038	10.5	3.56	3.48	1.13	0.815	40.9	2.33	13.4	5.53	15
16	1.668	1.508	1.028	11.9	3.58	3.58	1.12	0.783	18.4	2.28	9.82	4.53	16
17	1.588	1.478	1.018	13.3	3.67	2.83	1.01	0.938	10.4	2.04	7.87	4.18	17
18	1.538	1.458	1.008	16.3	3.28	2.13	0.981	0.840	10.7	2.01	6.63	3.83	18
19	1.488	1.428	1.138	30.4	2.84	1.82	0.928	1.15	8.85	2.30	5.84	3.40E	19
20	1.408	1.408	1.438	30.7	3.81	1.77	0.927	0.868	4.10	2.11	5.15	3.28E	20
21	1.388	1.388	2.108	23.0	2.44	1.84	0.908	1.62	3.43	3.73	18.3	3.18E	21
22	1.428	1.388	3.108	27.1	2.30	1.65	0.907	2.18	8.13	18.0	35.1	3.08E	22
23	2.508	1.348	4.458	17.8	2.51	1.48	0.941	2.78	5.21	23.2	13.1	2.93E	23
24	3.808	1.328	3.758	12.7	2.44	1.48	0.824	2.70	4.18	8.86	7.95	2.80E	24
25	8.208	1.308	3.158	11.0	2.18	2.61	0.868	1.42	3.39	6.31	7.37	2.73E	25
26	6.408	1.288	4.858	9.05	1.95	3.01	0.883	1.07	3.86	17.8	5.14	2.64E	26
27	5.608	1.288	3.408	7.86	1.85	1.80	0.847	0.911	3.85	12.3	5.20	2.58E	27
28	4.308	1.248	18.0 B	8.85	1.95	11.4	0.884	0.859	3.19	8.87	4.67	2.48E	28
29	3.808		26.6 B	10.8	3.34	13.7	0.836	0.827	2.44	18.0	4.10	2.41E	29
30	4.808		31.3 B	28.7	2.02	4.82	0.785	0.888	3.06	28.4	3.62	2.38E	30
31	6.808		18.2 B		2.07		0.786	0.850		12.7		2.30E	31
TOTAL	93.73	57.36	132.43	783.49	161.15	99.15	39.380	34.888	187.182	284.22	338.19	187.68	TOTAL
MEAN	3.02	2.05	4.27	26.4	4.89	3.31	1.27	1.12	5.57	9.17	11.3	6.05	MEAN
MAX	8.20	6.50	26.6	86.1	22.8	13.7	2.94	2.78	40.9	28.4	47.0	22.2	MAX
MIN	1.38	1.24	1.00	8.85	1.85	1.45	0.768	0.762	0.673	2.01	3.62	2.30	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 6.51
MAXIMUM DAILY, 86.1 ON APR 3
MINIMUM DAILY, 0.673 ON SEP 8
MAXIMUM INSTANTANEOUS,
92.5 AT 07:30 AST ON APR 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 43 15 N
LONG 61 17 10 W
DRAINAGE AREA, 183 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 010	JUL	3 400
FEB	4 950	AUG	2 890
MAR	11 400	SEP	14 400
APR	84 600	OCT	24 600
MAY	13 100	NOV	29 200
JUN	8 570	DEC	16 200

TOTAL DISCHARGE, 205 000 dam³

RIVER JOHN AT WELSFORD - STATION NO. 01DD001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.700	1.45 B	0.8700	50.0 B	8.00E	1.88 E	0.625	0.215	0.184	0.868	5.55	18.9	1
2	4.200	1.39 B	0.8600	52.5 B	8.80E	2.42 E	0.576	0.215	0.272	1.50	4.78	14.0	2
3	5.300	1.34 B	0.8500	47.5 B	5.70E	1.82 E	0.534	0.194	0.233	1.58	4.31	9.35	3
4	4.800	1.30 B	0.8400	41.0 B	5.05E	1.33 E	0.482	0.187	0.180	1.36	8.02	7.07	4
5	4.100	1.27 B	0.8300	36.0 B	4.70E	1.17 E	0.551	0.225	0.168	1.33	8.73	5.36	5
6	3.600	1.24 B	0.8200	40.0 E	5.00E	1.83 E	0.809	0.185	0.149	1.05	5.21	5.80	6
7	3.200	1.21 B	0.8100	35.0 E	5.00E	2.80 E	0.529	0.167	0.118	0.893	3.95	5.13	7
8	2.888	1.18 B	0.8100	28.0 E	10.4 E	2.08 E	0.448	0.171	0.124	0.832	3.21	4.43	8
9	2.700	1.15 B	0.8000	20.5 E	8.80E	1.82 A	0.373	0.171	0.223	1.03	2.84	4.23	9
10	2.478	1.12 B	0.8000	16.9 E	4.20E	4.22	0.361	0.172	0.670	0.841	2.83	3.87	10
11	2.338	1.08 B	0.7808	18.5 E	3.20E	3.52	0.345	0.178	0.514	0.774	2.86	3.57	11
12	2.238	1.07 B	0.7638	30.5 E	2.73A	3.31	0.335	0.216	0.312	0.741	43.3	4.43	12
13	3.128	1.05 B	0.7758	19.5 E	3.10	2.20	0.336	0.208	0.247	0.734	46.4	5.04	13
14	2.028	1.04 B	0.7858	14.0 E	3.85	1.67	0.336	0.171	0.298	0.853	19.4	4.51	14
15	1.858	1.03 B	0.7808	10.4 A	2.24	1.70	0.317	0.158	1.03	0.558	18.7	4.09	15
16	1.688	1.02 B	0.7808	8.50E	2.30A	1.48	0.332	0.138	0.806	0.565	11.4	3.76	16
17	1.778	1.00 B	1.14 B	11.3 E	2.20E	1.18	0.288	0.151	0.451	0.511	7.82	3.71	17
18	1.728	0.9808	1.80 B	14.0 E	2.04E	1.04	0.258	0.151	0.818	0.484	5.18	3.40	18
19	1.858	0.9708	2.35 B	18.4 E	1.88E	0.912	0.242	0.185	0.481	0.528	4.48	3.108	19
20	1.588	0.9608	3.25 B	13.2 E	1.74E	0.848	0.202	0.138	0.367	0.511	5.42	2.848	20
21	1.548	0.8508	4.70 B	9.80E	1.63E	0.789	0.304	0.122	0.413	0.476	15.5	2.708	21
22	1.498	0.9408	5.80 B	7.40E	1.51E	0.759	0.210	0.130	0.27	2.12	20.8	3.208	22
23	1.488	0.9308	5.80 B	6.50E	2.98E	0.861	0.247	0.260	0.87	3.48	12.1	3.058	23
24	1.428	0.8208	14.2 B	5.80E	2.30E	0.700	0.282	0.311	3.72	2.00	10.2	2.908	24
25	1.388	0.8108	18.3 B	5.05E	1.80E	0.857	0.244	0.182	2.36	1.58	17.5	2.708	25
26	1.338	0.8008	26.0 B	4.65E	1.60E	0.801	0.229	0.168	1.67	4.58	12.8	2.808	26
27	1.288	0.8908	44.0 B	7.00E	1.44E	0.706	0.311	0.171	1.28	3.09	8.70	2.508	27
28	1.258	0.8808	36.0 B	10.2 E	1.40E	0.775	0.248	0.184	0.881	2.24	6.74	3.408	28
29	1.238		29.0 B	13.8 E	1.58E	0.673	0.221	0.185	0.807	14.0	5.58	3.308	29
30	1.198		24.0 B	10.5 E	1.30E	0.696	0.203	0.153	0.725	11.8	5.08	3.218	30
31	1.158		38.0 B		1.48E		0.198	0.184		8.88		3.138	31
TOTAL	71.76	30.180	276.883	604.50	108.23	45.708	10.718	5.586	35.170	68.508	334.44	146.43	TOTAL
MEAN	2.32	1.08	8.93	20.2	3.49	1.52	0.348	0.180	1.17	2.24	11.2	4.72	MEAN
MAX	5.30	1.45	44.0	80.0	10.4	4.22	0.825	0.311	8.27	14.0	46.4	18.9	MAX
MIN	1.15	0.880	0.780	4.65	1.30	0.881	0.198	0.120	0.118	0.476	2.56	2.13	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 4.77
MAXIMUM DAILY, 80.08 ON APR 1
MINIMUM DAILY, 0.118 ON SEP 7

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 43 42 N
LONG 63 03 09 W
DRAINAGE AREA, 348 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 200	JUL	936
FEB	3 610	AUG	481
MAR	33 900	SEP	3 040
APR	63 200	OCT	8 010
MAY	9 350	NOV	28 900
JUN	3 930	DEC	12 700

TOTAL DISCHARGE, 150 000 dam³

ROGERS BROOK NEAR JAKES LANDING - STATION NO 01ED008

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	1.03	0.285	0.070	---	---	---	0.006	0.171	---	1
2	---	0.082	0.112	1.88	0.218	---	---	---	---	0.006	0.127	---	2
3	---	---	---	1.47	0.178	---	---	0.001	---	0.005	---	---	3
4	---	---	---	1.81	0.158	---	---	---	---	0.202	---	---	4
5	0.285	---	---	1.88	---	---	---	---	---	0.128	---	---	5
6	---	---	---	2.35	---	---	0.027	---	---	0.058	---	---	6
7	---	---	---	2.84	---	---	---	---	0	0.044	---	1.08	7
8	---	---	---	3.18	---	0.036	---	---	---	0.036	---	---	8
9	---	0.113	0.108	3.27	---	---	---	---	---	0.026	0.085	---	9
10	---	---	---	3.26	---	---	---	0.001	---	0.017	---	---	10
11	---	---	---	3.25	0.236	---	---	---	---	0.018	---	---	11
12	0.208	---	---	3.78	---	---	---	---	---	0.030	---	---	12
13	---	---	---	3.70	---	---	0.007	---	---	0.028	---	---	13
14	---	---	---	3.36	---	---	---	---	0.007	0.026	---	0.884	14
15	---	---	---	3.00	---	0.128	---	---	---	0.018	---	---	15
16	---	0.083	0.080	1.78	---	---	---	---	---	0.018	0.127	---	16
17	---	---	---	1.67	---	---	---	0	---	0.013	---	---	17
18	---	---	---	1.37	0.088	---	---	---	---	0.012	---	---	18
19	0.108	---	---	1.18	---	---	---	---	---	0.014	---	---	19
20	---	---	---	1.08	---	---	0.001	---	---	0.010	---	---	20
21	---	---	---	0.940	---	---	---	---	0.078	0.009	---	0.306	21
22	---	---	---	0.828	---	0.051	---	---	0.118	0.122	---	---	22
23	---	0.106	0.308	0.730	---	---	---	---	0.037	0.088	0.242	---	23
24	---	---	0.488	0.802	---	---	---	0	0.028	0.048	---	---	24
25	---	---	0.533	0.508	0.084	---	---	---	0.018	0.037	---	---	25
26	0.182	---	0.488	0.615	---	---	---	---	0.013	0.058	---	---	26
27	---	---	0.488	0.327	---	---	0.008	---	0.008	0.048	---	---	27
28	---	---	0.488	0.242	---	---	---	---	0.004	0.038	---	0.108	28
29	---		0.613	0.281	---	0.032	---	---	0.003	0.107	---	---	29
30	---		0.560	0.348	---	---	---	---	0.002	0.113	0.183	---	30
31	---		0.715		---		---	0.004		0.158		---	31
TOTAL	---	---	---	67.880	---	---	---	---	---	1.836	---	---	TOTAL
MEAN	---	---	---	1.80	---	---	---	---	---	0.060	---	---	MEAN
MAX	---	---	---	3.27	---	---	---	---	---	0.202	---	---	MAX
MIN	---	---	---	0.242	---	---	---	---	---	0.006	---	---	MIN

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 44 36 46 N
LONG 65 13 00 W
DRAINAGE AREA, 8.74 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	4 140	OCT	133
MAY	---	NOV	---
JUN	---	DEC	---

ROSEWAY RIVER AT LOWER OHIO - STATION NO. 01EC001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	17.68	11.1 B	4.848	44.8	10.7	4.42	3.11	1.08	0.420	9.23	14.4	25.8	1
2	17.18	10.7 B	4.818	64.2	10.6	4.08	2.83	1.16	0.488	8.21	15.8	31.5	2
3	17.68	10.3 B	4.728	80.7	11.1	3.81	2.80	1.31	0.443	7.47	16.5	38.9	3
4	18.68	10.0 B	4.858	86.4	11.2	3.56	2.80	1.45	0.384	8.60	18.7	42.0	4
5	19.88	9.808	4.948	86.8	11.0	3.33	2.78	1.42	0.387	9.27	19.9	45.5	5
6	18.88	9.278	4.488	86.8	11.5	3.24	2.82	1.41	0.348	9.88	19.7	45.0	6
7	18.78	8.858	4.398	83.4	13.1	3.17	2.46	1.37	0.317E	10.7	13.4	42.5	7
8	14.58	8.608	4.338	59.8	16.0	3.02	2.26	1.28	0.308E	11.8	12.1	38.9	8
9	13.78	8.388	4.238	86.5	17.3	3.04	2.12	1.31	0.457	12.3	11.1	35.3	9
10	13.28	8.108	4.158	52.8	18.0	3.08	2.11	1.17	0.837	11.8	10.4	32.1	10
11	12.68	7.858	4.088	48.8	18.8	2.85	2.00	1.12	0.886	11.2	11.0	29.3	11
12	17.98	7.658	4.008	44.6	17.8	2.88	1.85	1.07	0.821	10.7	12.2	29.4	12
13	18.58	7.398	3.838	40.8	16.8	3.37	1.87	1.01	0.878	9.80	13.1	28.0	13
14	18.28	7.188	3.678	36.8	15.0	3.78	1.80	0.918	0.783	9.00	14.2	27.1	14
15	14.28	7.008	3.628	33.2	13.7	4.09	1.78	0.829	0.850	8.28	15.1	26.2	15
16	13.38	6.768	3.728	30.0	12.4	4.17	1.74	0.812	0.803	7.69	15.0	25.8	16
17	12.88	6.588	3.678	27.2	11.2	4.35	1.60	0.782	0.886	7.20	14.4	25.8	17
18	18.88	6.388	3.628	24.3	10.1	4.61	1.53	0.741	0.814	6.78	13.8	24.3	18
19	18.38	6.228	3.548	21.8	9.23	4.70	1.43	0.727	0.808	6.53	13.8	22.38	19
20	10.78	6.048	3.638	18.7	8.60	4.68	1.37	0.849	0.888	5.91	14.1	21.0	20
21	10.28	5.988	4.128	17.4	7.88	4.88	1.38	0.881	2.03	5.85	18.4	18.8	21
22	10.08	5.838	4.808	18.2	7.05	4.82	1.41	0.832	3.84	6.78	20.8	17.7	22
23	11.28	5.708	5.608	18.1	6.63	4.81	1.27	0.838	3.11	6.67	22.3	16.4	23
24	12.58	5.588	7.388	13.8	8.27	4.58	1.17	0.887	4.22	6.67	23.1	15.0	24
25	13.78	5.488	8.64	12.8	5.78	4.28	1.13	0.478	12.9	8.90	22.8	13.9	25
26	14.88	5.338	12.8	11.8	5.48	3.98	1.08	0.418	17.4	7.06	22.5	13.7	26
27	15.28	5.238	17.6	10.8	5.14	3.84	1.08	0.409	18.3	6.87	22.0	12.88	27
28	13.88	5.098	23.2	9.80	4.84	3.79	0.994	0.374	16.2	7.11	20.1	12.08	28
29	12.88		26.0	8.48	4.88	3.89	0.928	0.401	13.4	9.30	18.4	11.38	29
30	12.38		32.8	10.4	4.48	3.32	0.910	0.420	11.1	10.2	17.3	10.68	30
31	11.78		37.8		4.50		0.994	0.442		12.1		10.08	31
TOTAL	449.0	208.11	286.72	1 049.18	327.37	115.81	56.377	28.750	115.383	287.86	485.3	788.0	TOTAL
MEAN	14.5	7.43	9.60	35.0	10.6	3.86	1.79	0.883	3.85	8.84	15.2	25.4	MEAN
MAX	19.8	11.1	37.8	86.8	18.0	4.70	3.11	1.45	18.3	12.3	23.1	45.5	MAX
MIN	10.0	5.08	3.54	8.60	4.48	2.85	0.910	0.374	0.308	5.85	10.4	10.0	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.4
MAXIMUM DAILY, 86.8 ON APR 5
MINIMUM DAILY, 0.308E ON SEP 8
MAXIMUM INSTANTANEOUS,
86.9 AT 14:17 AST ON APR 5

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 50 16 N
LONG 65 22 12 W
DRAINAGE AREA, 486 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	38 800	JUL	4 780
FEB	18 000	AUG	2 310
MAR	23 000	SEP	9 970
APR	90 700	OCT	23 200
MAY	28 300	NOV	41 900
JUN	9 960	DEC	68 100

TOTAL DISCHARGE, 359 000 dam³

ROUND LAKE BROOK AT ROUND LAKE - STATION NO 01EE006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.33 E	0.8568	0.2628	5.67E	1.82	0.424	0.436	0.080	0.002	0.584	1.87	3.01	1
2	3.36 E	0.8058	0.3168	6.75E	1.75	0.404	0.410	0.057	0.002	0.737	1.84	5.78	2
3	3.84 E	0.7858	0.3708	7.80E	1.88	0.378	0.371	0.054	0.002	0.722	1.73	6.35	3
4	3.78 E	0.7198	0.385	8.72E	1.56	0.355	0.348	0.058	0.002	1.31	1.63	5.39	4
5	3.82 E	0.6898	0.366	9.26E	1.49	0.330	0.383	0.057	0.002	2.20	1.51	4.56	5
6	3.87 E	0.6508	0.347	9.67E	1.55	0.335	0.391	0.053	0.001	2.56	1.38	3.74	6
7	3.47 E	0.6218	0.327	9.78E	1.83	0.344	0.366	0.045	0.001	2.52	1.27	3.02	7
8	3.30 E	0.5948	0.330	9.62A	2.00	0.317	0.375	0.044	0.001	2.34	1.15	2.57	8
9	3.19 E	0.5628	0.322	7.81	2.03	0.334	0.357	0.040	0.002	2.15	1.07	2.23	9
10	2.08 E	0.5368	0.3168	6.31	1.89	0.342	0.336	0.039	0.004	1.86	1.03	1.86	10
11	3.11 E	0.5138	0.3118	5.17	1.70	0.348	0.316	0.038	0.004	1.73 A	1.06	1.77	11
12	1.87 E	0.4938	0.3078	4.43	1.63	0.331	0.300	0.032	0.003	1.45 E	1.14	2.08	12
13	1.73 E	0.4738	0.3018	3.87	1.43	0.351	0.282	0.030	0.002	1.30 E	1.38	2.06	13
14	1.62 E	0.4628	0.2978	3.57	1.23	0.402	0.267	0.027	0.008	1.15 A	1.52	1.80	14
15	1.32 E	0.4388	0.2948	3.16	1.11	0.541	0.238	0.022	0.018	1.03	1.84	1.68	15
16	1.17 E	0.4208	0.2908	2.84	1.01	0.808	0.224	0.018	0.020	0.918	1.58	1.57 B	16
17	1.02 E	0.4068	0.2888	2.84	0.940	0.830	0.208	0.018	0.023	0.831	1.50	1.55 B	17
18	0.905E	0.3888	0.2878	2.49	0.854	0.831	0.186	0.018	0.023	0.748	1.48	1.36 B	18
19	0.842E	0.3778	0.2888	2.36	0.755	0.884	0.171	0.012	0.024	0.884	1.48	1.27 B	19
20	0.814A	0.3638	0.2848	2.39	0.680	0.948	0.161	0.011	0.027	0.815	1.80	1.18	20
21	0.783	0.3628	0.2828	2.38	0.818	0.481	0.137	0.008	0.107	0.588	2.10	1.15	21
22	0.748	0.3378	0.5378	2.30	0.570	0.438	0.123	0.008	0.267	0.885	2.69	1.08	22
23	0.884	0.3278	0.6008	2.14	0.888	0.434	0.114	0.008	0.520	0.875	2.66	1.03	23
24	0.889	0.3178	1.21 E	1.86	0.888	0.443	0.105	0.007	0.737	0.730	2.55	0.984	24
25	1.08	0.3098	1.82 E	1.77	0.848	0.457	0.096	0.003	0.880	0.760	2.37	0.9598	25
26	1.12	0.3018	3.73 E	1.88	0.837	0.442	0.084	0.002	0.882	0.808	2.30	0.9208	26
27	1.15	0.2948	3.17 E	1.40	0.801	0.433	0.085	0.002	0.887	0.781	2.18	0.882	27
28	1.10	0.2888	3.82 E	1.31	0.677	0.481	0.085	0.002	0.788	0.778	1.92	0.8458	28
29	1.03		4.01 E	1.30	0.448	0.486	0.078	0.001	0.782	1.02	1.71	0.780	29
30	0.945		4.58 E	1.81	0.418	0.463	0.070	0.003	0.706	1.36	1.67	0.7558	30
31	0.9068		5.18 E		0.417		0.084	0.002		1.68		0.7068	31
TOTAL	48.827	13.884	34.087	133.08	34.480	13.030	7.185	0.778	6.686	37.381	50.71	65.081	TOTAL
MEAN	1.57	0.486	1.10	4.40	1.11	0.434	0.232	0.025	0.222	1.21	1.69	2.10	MEAN
MAX	3.82	0.856	5.18	9.78	2.03	0.830	0.436	0.080	0.882	2.56	2.66	6.35	MAX
MIN	0.748	0.288	0.282	1.31	0.417	0.317	0.084	0.001	0.001	0.568	1.03	0.706	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 1.32
MAXIMUM DAILY, 9.78E ON APR 7
MINIMUM DAILY, 0.001 ON AUG 28

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 29 38 N
LONG 64 58 25 W
DRAINAGE AREA, 58.9 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 200	JUL	821
FEB	1 180	AUG	67.0
MAR	2 850	SEP	675
APR	11 400	OCT	3 230
MAY	2 880	NOV	4 380
JUN	1 130	DEC	5 820

TOTAL DISCHARGE 38 300 dam³

NOVA SCOTIA

SACKVILLE RIVER AT BEDFORD - STATION NO. 01EJ001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.548	2.00 B	0.8858	18.2	7.88	1.59	1.10	0.215	0.249	2.23	8.54	24.3	1
2	4.09	1.80 B	0.8458	24.3	7.77	1.37	0.998	0.188	0.281	2.30	7.75	26.1	2
3	5.95	1.62 B	0.8358	26.2	8.97	1.25	0.878A	0.185	0.200	1.85	8.82	23.1	3
4	8.84	1.81 B	0.8208	25.8	8.87	1.11	1.03 E	0.371	0.145	2.34	8.84	19.8	4
5	8.21	1.45 B	0.8158	24.2	8.08	1.05	1.32 E	0.222	0.188	2.85	9.05	12.2	5
6	4.748	1.40 B	0.8058	26.8	4.52	1.47	1.18 E	0.188	0.153	2.88	4.38	8.62	6
7	4.40	1.38 B	0.7988	24.5	8.37	1.81	0.880E	0.141	0.134	2.88	3.75	7.83	7
8	4.22	1.30 B	0.7908	30.3	4.83	1.37	0.800E	0.134	0.114	3.87	3.20	8.38	8
9	3.818	1.24 B	0.7808	32.4	4.27	2.05	0.700E	0.112	0.982	3.88	2.81	5.36	9
10	3.258	1.19 B	0.7708	18.7	3.93	1.80	0.810E	0.109	0.875	3.33	2.84	4.75	10
11	3.458	1.17 B	0.7858	13.1	3.56	1.88	0.510E	0.341	0.407	3.26	2.90	5.21	11
12	4.80	1.15 B	0.7808	10.9	3.46	1.53	0.470E	0.328	0.342	3.29	7.52	11.4	12
13	4.058	1.12 B	0.7558	8.45	3.29	1.52	0.510E	0.248	0.313	3.10	8.84	8.08	13
14	3.888	1.08 B	0.7488	8.35	2.74	3.06	0.460E	0.204	1.43	2.73	8.05	7.48	14
15	3.72	1.06 B	0.7408	7.31	2.41	3.51	0.410A	0.0988E	1.46	2.44	8.10	8.71	15
16	3.46	1.04 B	0.7358	6.25	2.49	2.67	0.3588E	0.114	1.07	2.18	8.75	8.848	16
17	3.008	1.02 B	0.7308	5.49	2.12	2.84	0.3218A	0.112	1.88	1.82	8.13	8.288	17
18	2.838	1.00 B	0.7258	5.08	1.88	2.41	0.277	0.0988E	1.84	1.78	4.84	4.778	18
19	3.138	0.9958	0.7208	4.88	1.69	2.19	0.244	0.0828E	1.80	1.71	4.44	4.418	19
20	2.828	0.9808	0.8208	4.77	1.54	1.85	0.184	0.0708E	1.82	1.65	8.53	3.768	20
21	2.158	0.9658	1.20 B	4.44	1.36	1.62	0.158	0.0578E	8.07	1.45	11.5	4.088	21
22	1.938	0.9508	1.85 B	4.52	1.21	1.40	0.136	0.0458E	7.08	3.83	13.2	4.128	22
23	9.008	0.9358	2.35 B	4.20	1.84	1.28	0.127	1.38	8.27	2.81	12.9	3.838	23
24	8.85	0.9248	3.25 B	3.83	1.48	1.20	0.113	0.468	8.24	2.82	11.3	3.338	24
25	5.388	0.9188	4.80 B	3.53	1.37	1.14	0.110	0.320	5.84	3.02	9.86	3.088	25
26	4.508	0.9068	6.35 B	3.21	1.34	1.01	0.578	0.238	4.81	3.18	8.88	2.928	26
27	3.708	0.8958	8.40 B	2.90	1.26	0.849	0.481	0.197	3.88	3.04	8.55	2.698	27
28	3.158	0.8828	12.1	2.57	1.24	1.92	0.253	0.175	3.18	2.70	7.52	2.488	28
29	2.758		14.7	8.87	1.17	1.35	0.218	0.187	2.80	6.64	8.47	2.278	29
30	2.488		16.0	7.78	1.08	1.18	0.184	0.302	2.18	8.81	6.41	2.118	30
31	2.258		15.8		1.17		0.267	0.193		8.32		1.978	31
TOTAL	125.41	32.888	102.111	388.53	85.70	50.708	15.838	7.048	82.551	89.11	203.80	231.03	TOTAL
MEAN	4.05	1.17	3.29	12.2	3.09	1.88	0.514	0.229	2.08	3.20	8.78	7.45	MEAN
MAX	9.00	2.00	15.0	34.5	7.77	3.51	1.32	1.38	7.08	8.84	13.2	26.1	MAX
MIN	1.83	0.882	0.720	2.57	1.08	0.848	0.110	0.045	0.114	1.45	2.84	1.97	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 3.82
MAXIMUM DAILY, 34.5 ON APR 7
MINIMUM DAILY, 0.0458 ON AUG 22
MAXIMUM INSTANTANEOUS,
38.0 AT 07:37 AST ON DEC 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 43 53 N
LONG 63 39 45 W
DRAINAGE AREA, 148 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	10 800	JUL	1 380
FEB	2 840	AUG	812
MAR	8 820	SEP	8 400
APR	31 700	OCT	8 880
MAY	8 270	NOV	17 800
JUN	4 380	DEC	20 000

TOTAL DISCHARGE, 130 000 dam³

REMARKS - THE "E" FOR DISCHARGES BELOW 106 m³/s IS DUE TO CURVE EXTENSION

SALMON RIVER AT SALMON RIVER BRIDGE - STATION NO. 01FJ001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.478	5.428	1.02 B	23.9 B	26.2	1.10	10.9	0.270	0.309	1.85	23.1	7.44	1
2	2.808	18.5 B	1.00 B	30.3 B	16.6	1.24	6.26	0.285	0.342	21.8	16.7	21.4	2
3	2.608	21.4 B	0.9808	70.9 B	10.2	1.14	4.07	0.292	0.383	21.2	10.6	13.8	3
4	3.578	19.5 B	0.9508	58.1	8.71	0.878	2.82	0.298	0.392	32.4	8.03	8.36	4
5	3.088	14.6 B	0.9258	53.2	4.89	0.737	2.41	0.306	0.390	31.4	7.12	9.30	5
6	2.368	10.1 B	0.9008	40.0	3.89	0.749	2.08	0.302	0.410	17.6	12.3	13.2	6
7	1.958	8.748	0.8808	44.2	8.84	12.8	1.81	0.279	0.391	8.80	14.8	9.20	7
8	3.618	5.288	0.8658	52.8	10.1	13.7	1.24	0.263	0.484	8.72	9.78	6.84	8
9	4.328	4.608	0.8458	44.0	7.11	7.88	1.00	0.263	0.885	5.36	7.38	5.23	9
10	3.228	4.278	0.8258	50.9	5.02	8.18	0.820	0.280	8.85	4.28	7.78	4.12	10
11	2.038	8.188	0.8108	33.3	3.88	4.70	0.734	0.383	13.8	3.60	7.21	3.80	11
12	8.288	8.888	0.7808	22.9	3.08	3.43	0.701	0.838	7.37	2.81	26.0	10.7	12
13	8.218	8.888	0.7728	18.8	2.82	8.78	0.880	0.756	4.18	2.67	88.8	25.5	13
14	8.788	4.888	0.7608	12.7	2.60	11.1	0.803	0.585	2.88	2.14	43.3	17.1	14
15	4.488	3.738	0.7488	10.2	2.22	7.55	0.583	0.484	34.1	1.84	18.8	11.2	15
16	3.108	3.158	0.8388	8.10	3.81	8.83	0.831	0.420	38.7	1.66	12.3	8.08	16
17	2.588	2.648	1.04 B	8.70	8.37	4.88	0.525	0.411	18.3	1.33	8.50	6.66	17
18	2.308	2.348	2.05 B	8.38	5.11	3.83	0.448	0.402	16.8	1.22	8.55	5.108	18
19	1.908	2.188	2.88 B	11.6	4.07	2.88	0.397	0.384	11.8	1.18	8.73	4.488	19
20	1.858	1.908	3.88 B	13.7	2.88	2.28	0.385	0.343	7.18	1.22	4.80	3.858	20
21	1.748	1.748	8.13 B	8.88	2.37	1.77	0.358	0.325	5.05	1.74	12.1	3.508	21
22	1.638	1.608	8.85 B	8.11	1.88	1.36	0.341	0.331	7.87	7.21	38.8	3.208	22
23	2.188	1.478	14.8 B	7.37	1.88	1.11	0.353	0.357	10.3	12.8	28.3	3.858	23
24	8.358	1.348	14.8 B	8.78	1.85	0.882	0.340	0.420	7.83	8.83	12.8	3.708	24
25	11.7 B	1.248	13.7 B	4.88	1.88	2.78	0.370	0.418	8.28	8.28	8.83	2.508	25
26	8.618	1.208	18.5 B	4.10	1.44	3.48	0.358	0.387	3.84	8.38	8.84	2.388	26
27	7.808	1.188	18.5 B	3.28	1.22	2.28	0.378	0.322	2.81	11.8	8.28	2.258	27
28	8.588	1.118	31.0 B	2.84	1.11	18.0	0.345	0.320	2.11	7.88	4.38	3.108	28
29	4.378		44.3 B	4.60	1.08	82.8	0.311	0.304	1.78	18.2	3.38	3.008	29
30	3.588		43.3 B	23.2	1.02	27.8	0.287	0.288	1.38	48.4	3.88	1.948	30
31	3.088		34.2 B		1.00		0.277	0.300		28.4		1.878	31
TOTAL	131.88	181.42	268.838	888.88	151.33	212.234	42.888	11.883	218.488	328.07	487.18	221.83	TOTAL
MEAN	4.24	6.77	8.68	23.3	4.88	7.07	1.37	0.377	7.21	10.8	15.2	7.15	MEAN
MAX	11.7	21.8	44.3	70.9	26.2	82.8	10.9	0.838	38.7	48.4	88.8	26.8	MAX
MIN	1.83	1.11	0.745	2.84	1.00	0.737	0.277	0.263	0.309	1.18	2.88	1.87	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 7.85
MAXIMUM DAILY, 88.8 ON NOV 13
MINIMUM DAILY, 0.263 ON AUG 8
MAXIMUM INSTANTANEOUS
97.0 AT 08:37 AST ON NOV 13

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 58 03 N
LONG 80 18 10 W
DRAINAGE AREA 189 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	11 400	JUL	3 880
FEB	13 800	AUG	1 010
MAR	23 300	SEP	18 700
APR	80 400	OCT	28 400
MAY	13 100	NOV	38 800
JUN	18 300	DEC	19 200

TOTAL DISCHARGE 251 000 dam³

SALMON RIVER AT UNION - STATION NO. 01DH005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.560	1.07 B	0.7008	30.4 B	10.8	2.69	1.28	0.681	0.278	1.31	15.4	28.3	1
2	3.328	1.05 B	0.6958	61.4	7.70	3.10	0.871	0.585	0.740	7.43	11.4	22.8	2
3	3.108	1.03 B	0.6908	71.8	6.01	1.87	0.885	0.487	0.878	4.72	9.37	16.8	3
4	2.908	1.02 B	0.6858	57.1	5.00	1.47	0.839	0.445	0.444	6.51	10.3	11.5	4
5	2.729	0.9988	0.6838	52.1	4.75	1.27	0.851	0.509	0.348	6.51	10.3	10.1	5
6	2.568	0.9788	0.6808	50.4	4.93	1.77	1.07	0.417	0.278	4.23	8.74	8.85	6
7	2.408	0.9808	0.6808	46.9	12.7	6.88	0.964	0.308	0.284	3.02	7.35	7.81	7
8	2.288	0.9458	0.6788	38.9	8.38	3.86	0.782	0.260	0.248	3.44	8.47	7.08	8
9	2.168	0.9308	0.6798	28.2	5.87	3.32	0.863	0.283	0.705	4.80	5.84	6.78	9
10	2.078	0.9158	0.6788	23.6	4.58	5.88	0.843	0.284	4.87	3.28	5.80	5.46	10
11	1.978	0.9058	0.6788	23.0	3.80	5.15	0.818	0.444	3.28	2.59	5.40	5.18	11
12	1.888	0.8908	0.6778	21.5	3.28	4.12	0.592	0.470	1.32	2.58	38.9	5.34	12
13	1.808	0.8788	0.6778	16.5	4.20	7.03	0.870	0.385	0.918	2.29	42.0	5.55	13
14	1.748	0.8558	0.6768	15.2	3.20	5.30	0.528	0.308	2.89	2.26	21.3	5.25	14
15	1.678	0.8458	0.6768	12.7	2.72	5.76	0.507	0.282	12.9	2.27	19.4	4.79	15
16	1.638	0.8358	0.6808	12.5	3.69	4.84	0.531	0.278	4.40	2.00	14.5	4.508	16
17	1.578	0.8208	0.6828	13.3	3.30	3.30	0.495	0.346	5.87	1.83	11.4	4.208	17
18	1.518	0.8058	0.6868	15.7	2.70	2.71	0.394	0.275	5.31	1.80	11.8	4.008	18
19	1.468	0.8008	0.7008	20.8	2.41	2.37	0.358	0.221	3.40	1.84	14.2	3.808	19
20	1.388	0.7908	0.7308	18.4	2.10	1.87	0.336	0.198	2.48	1.81	11.2	3.608	20
21	1.368	0.7808	1.20 B	15.0	1.80	1.84	0.345	0.206	2.38	1.80	19.4	3.408	21
22	1.328	0.7688	1.63 B	15.3	1.84	1.46	0.381	0.184	18.0	10.9	21.5	3.228	22
23	1.288	0.7588	2.80 B	13.5	3.08	1.33	0.344	1.31	11.1	10.2	13.9	3.108	23
24	1.268	0.7458	4.30 B	10.4	2.98	1.42	0.388	0.885	8.44	8.18	12.7	2.958	24
25	1.228	0.7408	8.00 B	9.08	2.14	2.43	0.421	0.488	4.03	5.43	20.8	2.838	25
26	1.208	0.7388	9.50 B	7.38	1.82	1.88	0.432	0.385	3.77	15.0	18.9	2.708	26
27	1.178	0.7288	12.0 B	6.14	1.54	1.24	0.828	0.304	2.08	9.09	12.7	2.608	27
28	1.158	0.7158	14.0 B	5.19	1.42	2.38	0.455	0.276	1.61	6.57	9.82	2.508	28
29	1.148		17.0 B	6.47	1.88	2.43	0.359	0.284	1.45	39.3	8.58	2.428	29
30	1.128		18.0 B	12.3	1.74	1.58	0.321	0.286	1.30	31.0	7.70	2.328	30
31	1.088		19.1 B		1.57		0.388	0.278		17.1		2.268	31
TOTAL	58.89	24.271	119.942	766.18	123.69	92.58	18.418	13.243	101.877	218.87	423.08	203.05	TOTAL
MEAN	1.86	0.867	3.86	25.5	3.99	3.09	0.594	0.385	3.40	7.06	14.1	6.55	MEAN
MAX	3.56	1.07	19.1	61.4	12.7	7.03	1.28	1.31	18.0	39.3	42.0	28.3	MAX
MIN	1.08	0.715	0.678	9.19	1.42	1.24	0.321	0.184	0.248	1.31	5.40	2.25	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.93
MAXIMUM DAILY, 61.4 ON APR 2
MINIMUM DAILY, 0.184 ON AUG 22
MAXIMUM INSTANTANEOUS,
121 AT 13:54 AST ON APR 2

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 23 54 N
LONG 63 07 23 W
DRAINAGE AREA, 287 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 920	JUL	1 990
FEB	2 100	AUG	1 080
MAR	10 300	SEP	8 800
APR	66 200	OCT	18 900
MAY	10 700	NOV	36 500
JUN	8 000	DEC	17 500

TOTAL DISCHARGE, 187 000 dam³

SHARPE BROOK AT LLOYDS - STATION NO. 01DD004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.104	0.0478	0.0388	1.81	0.460	0.353	0.033	0.006	0.011E	0.047E	0.172	2.84	1
2	0.093	0.0488	0.0388	1.93	0.378	0.300	0.024	0.004	0.009E	0.258E	0.141	1.23	2
3	0.113	0.0488	0.0388	1.72	0.342	0.213	0.030	0.004	0.008E	0.330E	0.119	0.731	3
4	0.195	0.0458	0.0388	1.73	0.303	0.168	0.029	0.006	0.007E	0.585E	0.117	0.526	4
5	0.154	0.0458	0.0388	1.85	0.320	0.139	0.045	0.004	0.008E	0.820E	0.109	0.421	5
6	0.1388	0.0458	0.0388	1.76	0.382	0.264	0.044	0.004	0.005E	0.930E	0.107	0.366	6
7	0.1228	0.0448	0.0378	1.78	0.462	0.372	0.037	0.004	0.003E	0.324E	0.095	0.328	7
8	0.1108	0.0448	0.0378	1.81	0.414	0.234	0.028	0.004	0.003E	0.188E	0.089	0.290	8
9	0.0988	0.0448	0.0378	1.08	0.358	0.257	0.028	0.004	0.008E	0.148E	0.088	0.254	9
10	0.0928	0.0438	0.0378	0.838	0.338	0.286	0.024	0.004	0.012E	0.122E	0.082	0.238	10
11	0.0868	0.0428	0.0378	0.837	0.301	0.223	0.028	0.003	0.038E	0.088E	0.082	0.2268	11
12	0.0788	0.0428	0.0378	0.878	0.282	0.138	0.026	0.002	0.026E	0.087E	0.284	0.2178	12
13	0.0748	0.0428	0.0378	0.783	0.268	0.128	0.021	0.003	0.011E	0.080E	0.378	0.3038	13
14	0.0888	0.0428	0.0388	0.893	0.277	0.080	0.018	0.003	0.028E	0.078E	0.300	0.1988	14
15	0.0888	0.0428	0.0388	0.839	0.273	0.182	0.014	0.003	0.077E	0.071E	0.310	0.1838	15
16	0.0828	0.0428	0.0388	0.535	0.278	0.173	0.015	0.004	0.107E	0.068E	0.248	0.1788	16
17	0.0588	0.0418	0.0388	0.587	0.288	0.118	0.013	0.004	0.122E	0.062E	0.201	0.1718	17
18	0.0578	0.0418	0.0388	0.685	0.280	0.080	0.012	0.002	0.057E	0.058E	0.227	0.1648	18
19	0.0588	0.0418	0.0388	0.788	0.258	0.083	0.008	0.003	0.028E	0.051E	0.250	0.1578	18
20	0.0588	0.0408	0.0388	0.663	0.284	0.088	0.007	0.001	0.017E	0.045E	0.305	0.1538	20
21	0.0548	0.0408	0.0388	0:543	0.282	0.088	0.006	0.002	0.018E	0.038A	0.624	0.1518	21
22	0.0538	0.0408	0.0448	0.539	0.247	0.047	0.008	0.001	0.580E	0.118	0.522	0.178	22
23	0.0528	0.0408	0.0888	0.472	0.491	0.040	0.008	0.004	0.388E	0.084	0.387	0.168	23
24	0.0518	0.0408	0.0848	0.403	0.404	0.041	0.004	0.004	0.188E	0.078	0.382	0.158	24
25	0.0508	0.0388	0.1418	0.338	0.384	0.048	0.010	0.003	0.108E	0.083	0.488	0.1438	25
26	0.0508	0.0388	0.2088	0.282	0.323	0.048	0.017	0.002	0.081E	0.123	0.428	0.1178	26
27	0.0488	0.0388	0.2868	0.267	0.288	0.044	0.027	0.001	0.028E	0.084	0.382	0.0788	27
28	0.0488	0.0388	0.3488	0.234	0.283	0.048	0.018	0.001A	0.028E	0.082	0.311	0.0688	28
29	0.0488		0.424	0.515	0.262	0.038	0.010	0.002E	0.028E	0.385	0.272	0.0428	29
30	0.0488		0.851	0.840	0.228	0.035	0.006	0.005E	0.031E	0.311	0.274	0.0388	30
31	0.0478		0.786		0.249		0.006	0.018E		0.218		0.0328	31
TOTAL	2.432	1.182	3.738	26.883	9.838	4.323	0.803	0.113	2.043	8.022	7.786	9.846	TOTAL
MEAN	0.078	0.042	0.121	0.896	0.317	0.144	0.018	0.004	0.068	0.184	0.260	0.321	MEAN
MAX	0.195	0.047	0.786	1.93	0.460	0.353	0.045	0.018	0.580	0.830	0.824	2.84	MAX
MIN	0.047	0.038	0.035	0.234	0.228	0.035	0.004	0.001	0.003	0.038	0.082	0.032	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.205
MAXIMUM DAILY, 2.84 ON DEC 1
MINIMUM DAILY, 0.001 ON AUG 30
MAXIMUM INSTANTANEOUS,
3.80 AT 08:00 AST ON DEC 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 01 30 N
LONG 64 36 14 W
DRAINAGE AREA, 8.81 km²

A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	210	JUL	93.1
FEB	102	AUG	8.78
MAR	323	SEP	177
APR	3 320	OCT	520
MAY	849	NOV	673
JUN	374	DEC	859

TOTAL DISCHARGE, 6 470 dam³

NOVA SCOTIA

SHUBENACADIE RIVER AT ENFIELD - STATION NO 01DG005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	15.8	6.808	3.338	33.3	15.3	2.88	3.88	1.57	0.758	3.08	13.3	41.5	1
2	15.0	6.508	3.208	47.1	14.8	2.88	3.43	1.57	0.738	3.33	13.4	51.4	2
3	15.2	6.108	3.158	53.1	14.5	4.20	3.18	1.50	0.693	3.88	13.3	38.9	3
4	15.7	7.708	3.128	48.2	14.1	4.58	3.02	1.35	0.657	3.96	13.4	35.6	4
5	15.8	7.308	3.108	47.8	13.5	2.51	3.29	1.40	0.611	4.10	13.2	34.8	5
6	15.0	6.808	3.088	48.8	14.8	2.88	3.25	1.35	0.587	4.14	12.8	33.2	6
7	15.7	6.808	3.068	52.2	15.4	3.14	3.23	1.18	0.611	4.21	12.6	31.7	7
8	15.4	6.308	3.048	50.5	15.1	3.43	3.18	1.22	0.618	4.41	12.2	29.4	8
9	14.8	6.008	3.038	47.2	15.0	2.73	3.11	1.27	0.545	4.81	11.7	27.0	9
10	13.7	5.808	3.038	44.4	14.4	2.72	3.02	1.19	0.548	5.27	11.6	25.3	10
11	13.1 B	5.808	3.028	43.8	14.8	3.33	3.00	1.16	0.549	5.22	11.4	23.7	11
12	12.7 B	5.408	3.028	43.4	13.8	4.22	2.90	1.19	0.537	5.25	10.9	25.8	12
13	12.3 B	5.208	3.018	41.2	10.4	4.11	2.85	1.28	0.801	5.12	37.8	28.9	13
14	12.0 B	5.008	3.018	38.7	7.83	3.86	2.85	1.25	0.536	4.76	23.7	25.5	14
15	11.7 B	4.858	3.008	37.2	7.11	5.89	2.83	1.18	0.661	4.83	18.5	23.6	15
16	11.4 B	4.688	3.008	34.5	7.21	6.02	2.80	1.08	0.655	5.03	16.5	22.9	16
17	11.1 B	4.528	3.008	31.1	7.36	7.36	2.47	1.08	0.778	4.74	17.8	22.5	17
18	10.8 B	4.408	3.008	28.2	6.11	6.93	2.28	1.06	0.785	4.76	17.1	21.7	18
19	10.6 B	4.308	3.008	27.1	4.78	7.07	2.24	0.982	0.836	4.38	16.6	20.8	19
20	10.3 B	4.188	3.108	24.7	4.48	6.30	2.22	0.938	0.851	4.08	17.1	19.5	20
21	10.1 B	3.958	3.808	23.4	3.89	5.11	2.08	0.852	0.990	3.86	22.4	18.9	21
22	9.958	3.788	5.13	21.0	4.01	5.02	1.46	0.894	1.87	4.40	26.3	17.6	22
23	11.8	3.86	6.89	20.1	3.52	5.13	1.41	0.995	2.07	4.73	24.2	17.0	23
24	12.1	3.858	13.8	18.7	3.81	4.35	1.48	1.01	3.38	4.81	23.8	16.3	24
25	11.8	3.808	18.7	17.0	3.40	3.84	1.41	0.847	3.80	4.30	23.8	15.8	25
26	13.1	3.818	15.3	18.1	3.58	4.33	1.86	0.822	2.88	4.44	23.7	15.1	26
27	12.0 B	3.458	19.3	15.8	3.22	4.10	1.78	0.893	2.80	4.44	23.8	14.8	27
28	11.2 B	3.388	23.8	14.4	3.26	3.86	1.78	0.888	2.84	4.26	22.9	14.2	28
29	10.6 B		26.3	14.8	3.14	3.87	1.70	0.810	3.00	13.1	22.0	13.8	29
30	9.808		33.7	15.7	3.36	3.86	1.82	0.739	2.86	14.0	21.3	13.18	30
31	9.408		36.4		3.37		1.84	0.703		12.5		13.08	31
TOTAL	380.88	148.49	284.71	998.8	289.88	126.31	78.88	34.481	37.336	184.04	558.7	781.8	TOTAL
MEAN	12.8	5.34	8.84	33.3	8.71	4.28	2.48	1.11	1.24	5.28	18.8	24.2	MEAN
MAX	18.0	8.80	36.4	53.1	18.4	7.36	3.88	1.57	3.00	14.0	37.8	51.4	MAX
MIN	9.40	3.38	3.00	14.4	3.14	2.51	1.41	0.703	0.837	3.08	11.4	13.0	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 10.5
MAXIMUM DAILY 53.1 ON APR 3
MINIMUM DAILY 0.837 ON SEP 12
MAXIMUM INSTANTANEOUS
58.0 AT 02:12 AST ON APR 3

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 55 55 N
LONG 63 32 04 W
DRAINAGE AREA 389 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	33 700	JUL	8 840
FEB	12 800	AUG	3 980
MAR	22 900	SEP	3 230
APR	86 300	OCT	14 200
MAY	23 300	NOV	46 300
JUN	11 100	DEC	84 900

TOTAL DISCHARGE 330 000 dam³

SOUTH RIVER AT ST ANDREWS - STATION NO 01DR001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.86 B	4.00 B	0.4808	18.8 B	8.78	1.48	0.850	0.407	0.218	0.874	17.1	8.84	1
2	2.72 B	3.30 B	0.4608	31.0 B	6.48	1.36	0.780	0.411	0.218	4.84	11.9	10.2	2
3	2.78	2.80 B	0.4408	31.8	5.02	1.18	0.849	0.442	0.208	3.80	8.20	7.41	3
4	2.88	2.40 B	0.4208	28.3	4.18	0.961	0.845	0.445	0.187	12.4	7.48	5.83	4
5	2.88	2.18 B	0.4008	25.2	3.87	0.988	0.850	0.420	0.178	9.10	7.45	7.31	5
6	2.18 B	1.98 B	0.3808	23.5	3.37	1.05	0.778	0.408	0.188	5.11	8.84	8.06	6
7	2.87	1.83 B	0.3608	26.6	8.48	2.30	0.738	0.433	0.148	4.45	7.51	7.24	7
8	3.13	1.70 B	0.3708	31.8	6.80	1.88	0.824	0.374	0.188	4.15	8.06	5.72	8
9	2.80	1.88 B	0.3608	17.6	5.03	1.80	0.877	0.382	0.228	4.82	5.71	4.82	9
10	2.51 B	1.48 B	0.3508	16.9	4.14	1.98	0.818	0.374	0.888	3.85	5.38	4.43	10
11	2.34 B	1.38 B	0.3408	15.4	3.37	1.81	0.477	0.351	0.828	3.14	5.19	4.15	11
12	1.88 B	1.28 B	0.3388	12.8	2.81	1.43	0.471	0.411	0.467	2.88	33.7	10.2	12
13	1.71 B	1.18 B	0.3308	10.0	3.28	1.76	0.483	0.391	0.387	2.78	31.8	11.3	13
14	1.84 B	1.08 B	0.3288	8.23	3.70	1.88	0.458	0.372	0.710	2.41	16.8	8.49	14
15	2.09 B	1.00 B	0.3208	6.84	2.43	1.87	0.480	0.488	6.84	2.12	13.0	6.74	15
16	1.83 B	0.9808	0.3188	6.06	2.67	1.48	0.474	0.384	3.68	1.81	8.84	5.72	16
17	1.81 B	0.8608	0.3108	5.27	2.38	1.28	0.440	0.314	4.03	1.86	7.28	5.45	17
18	1.28 B	0.8388	0.3188	5.06	2.28	1.06	0.481	0.387	3.78	1.44	6.18	4.83	18
19	1.07 B	0.7828	0.3208	6.57	1.84	0.970	0.438	0.388	2.32	1.45	5.83	4.108	19
20	0.9408	0.7388	0.3308	7.88	1.68	0.888	0.427	0.381	1.88	1.34	5.12	3.788	20
21	0.8808	0.8878	0.3408	8.18	1.48	0.792	0.828	0.388	1.82	1.48	13.0	3.488	21
22	0.8088	0.8608	0.3508	8.88	1.31	0.788	0.831	0.385	8.16	4.88	18.8	3.288	22
23	0.7488	0.8288	0.8008	4.80	1.88	0.733	0.808	0.381	3.83	8.88	11.7	3.188	23
24	1.40 B	0.8908	1.20 B	4.17	1.80	0.718	0.481	0.387	3.47	4.78	8.72	2.888	24
25	2.82 B	0.8688	2.30 B	3.88	1.28	1.08	0.427	0.384	1.87	4.03	7.21	2.788	25
26	2.40 B	0.8408	8.00 B	3.04	1.12	0.784	0.488	0.283	1.48	14.4	8.08	2.888	26
27	2.10 B	0.8288	10.1 B	2.80	1.38	0.831	0.482	0.374	1.20	8.24	8.22	2.888	27
28	1.80 B	0.8008	18.4 B	2.34	1.32	2.00	0.380	0.283	0.885	8.35	4.81	2.488	28
29	1.75 B		16.3 B	4.35	1.32	2.12	0.384	0.256	0.838	40.1	3.83	2.408	29
30	1.88 B		14.5 B	11.0	1.18	1.21	0.448	0.248	0.808	38.8	3.88	2.308	30
31	1.88 B		12.8 B		1.13		0.488	0.232		20.8		2.208	31
TOTAL	61.870	38.018	88.280	376.77	98.88	38.181	17.121	11.138	48.474	226.874	303.78	184.88	TOTAL
MEAN	1.99	1.38	2.88	12.8	3.12	1.31	0.852	0.388	1.88	7.28	10.1	5.31	MEAN
MAX	3.13	4.00	18.4	31.8	8.78	2.30	0.880	0.488	8.84	40.1	33.7	11.2	MAX
MIN	0.748	0.800	0.310	2.34	1.12	0.831	0.380	0.232	0.148	0.874	3.88	2.20	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 4.03
MAXIMUM DAILY 40.1 ON OCT 28
MINIMUM DAILY 0.148 ON SEP 7
MAXIMUM INSTANTANEOUS
61.0 AT 18:07 AST ON OCT 28

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 33 35 N
LONG 61 54 15 W
DRAINAGE AREA 177 km²
B - ICE CONDITIONS
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	5 320	JUL	1 480
FEB	3 280	AUG	982
MAR	7 710	SEP	4 020
APR	33 600	OCT	19 400
MAY	8 370	NOV	28 200
JUN	3 380	DEC	14 200

TOTAL DISCHARGE 127 000 dam³

SOUTHWEST MARGAREE RIVER NEAR UPPER MARGAREE - STATION NO. 01FB003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11.8	7.608	6.668	10.3	34.5	12.9	7.54	3.31	1.98	4.88	14.6	23.4	1
2	11.4	7.708	6.518	19.6	32.7	12.1	7.20	3.22	2.05	8.38	14.5	21.8	2
3	11.4	7.688	6.428	22.3	31.6	11.8	7.10	3.18	1.84	8.84	14.8	30.3	3
4	11.3	7.708	6.318	22.1	30.8	11.2	6.82	3.24	1.87	10.1	15.1	19.5	4
5	11.1	7.758	6.268	26.0	29.8	10.7	6.58	3.08	1.88	9.88	15.0	19.3	5
6	10.8	8.008	6.178	28.8	29.2	10.2	6.36	2.88	1.88	8.30	15.5	30.2	6
7	10.7	8.18	6.088	28.4	31.0	10.4	6.21	2.78	1.48	8.10	15.6	19.7	7
8	10.8 E	7.88	6.008	28.0	28.9	9.78	6.01	2.80	1.41	8.19	15.4	19.5	8
9	10.8 E	7.44	6.888	30.7	27.6	9.77	5.81	2.74	1.80	8.10	15.2	19.2	9
10	10.3 E	7.388	6.698	30.6	26.6	10.2	5.58	2.78	3.97	7.88	15.1	18.7	10
11	10.2 E	7.288	6.808	30.1	25.5	9.88	5.42	2.61	2.92	7.55	14.6	18.1	11
12	10.1 E	7.178	6.778	29.6	25.4	9.87	5.27	2.80	2.85	7.38	15.8	17.9	12
13	9.858	7.048	6.718	28.7	24.8	10.6	5.18	2.50	2.91	7.12	17.1	17.6	13
14	9.658	6.938	6.858	27.6	24.8	9.73	5.18	2.46	2.91	6.89	15.8	17.7	14
15	9.708	8.848	6.698	27.3	24.2	9.47	5.15	2.37	6.58	6.81	17.6	17.7	15
16	9.558	8.778	6.61	27.1	22.8	9.13	4.85	2.38	4.38	6.58	16.7	17.2	16
17	9.438	8.688	6.62	26.8	23.0	8.83	4.66	2.43	4.77	6.44	17.0	16.7	17
18	9.308	8.588	6.61	28.5	21.0	8.22	4.69	2.32	4.67	6.48	17.1	16.6	18
19	9.188	8.508	6.78	35.2	20.4	8.01	4.48	2.15	4.62	6.62	16.6	16.3	19
20	9.088	8.418	6.74	33.8	19.8	7.88	4.42	2.12	4.47	6.38	16.3	15.8	20
21	8.988	8.348	6.98	34.8	18.1	7.67	4.33	2.36	4.40	6.87	20.2	15.5	21
22	8.908	8.308	5.37	36.8	18.4	7.17	4.34	2.31	4.71	10.5	21.3	15.3	22
23	8.758	8.19	5.27	34.3	17.5	6.86	4.26	3.44	4.63	10.2	19.7	14.8	23
24	8.658	8.20	5.22	33.2	16.9	6.57	4.20	2.87	4.84	9.38	19.3	14.4	24
25	8.538	8.01	5.61	32.0	16.5	7.29	4.08	2.48	4.57	9.54	19.1	14.0	25
26	8.428	5.81	5.91	30.5	15.3	8.91	4.05	2.28	4.85	11.8	18.4	13.7	26
27	8.318	5.77	7.08	29.3	14.8	8.74	3.90	2.10	4.80	10.7	18.0	13.5	27
28	8.198	5.758	8.20	28.2	14.5	8.68	3.72	2.02	4.80	10.7	17.5	13.3	28
29	8.088		8.38	32.0	13.8	9.07	3.47	1.98	4.69	16.5	17.2	13.08	29
30	8.008		8.88	35.8	13.6	7.91	3.43	1.94	4.60	15.1	16.7	12.88	30
31	7.908		9.79		13.2		3.42	1.88		15.0		12.38	31
TOTAL	298.89	193.94	173.99	867.7	707.5	275.57	157.75	78.39	108.72	278.34	505.1	525.8	TOTAL
MEAN	9.64	6.92	5.61	28.9	22.8	9.19	5.09	2.58	3.58	8.88	16.8	17.0	MEAN
MAX	11.8	8.18	9.79	36.8	34.5	12.9	7.54	3.44	6.58	16.5	21.3	33.4	MAX
MIN	7.90	5.76	4.61	10.3	13.2	6.74	3.42	1.88	1.41	4.88	14.5	12.3	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 11.4
MAXIMUM DAILY, 36.8 ON APR 22
MINIMUM DAILY, 1.41 ON SEP 8
MAXIMUM INSTANTANEOUS,
41.1 AT 20:12 AST ON APR 29

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 13 24 N
LONG 61 08 12 W
DRAINAGE AREA, 357 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	25 800	JUL	13 600
FEB	16 800	AUG	6 850
MAR	15 000	SEP	9 220
APR	75 000	OCT	23 800
MAY	61 100	NOV	43 800
JUN	23 800	DEC	45 400

TOTAL DISCHARGE, 360 000 dam³

ST MARYS RIVER AT STILLWATER - STATION NO 01E0001

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	27.6	29.7	5.808	134	100	8.84	16.3	1.23	0.686	8.18	151	51.6	1
2	22.0	35.3	5.808	184	74.8	10.5	11.0	1.23	0.752	33.0	115	114	2
3	23.6	35.5	6.408	259	55.8	10.7	8.12	1.14	0.686	50.4	86.6	90.8	3
4	26.5	31.9	6.208	261	44.4	9.32	7.26	1.80	1.66	63.1	72.3	66.9	4
5	24.2	27.4	5.008	227	36.4	7.42	6.48	1.63	2.18	81.5	64.4	57.2	5
6	25.6	24.0 E	5.808	195	32.2	7.31	6.25	1.56	1.84	83.6	61.0	60.3	6
7	22.9	21.7 E	5.658	211	54.7	12.3	5.86	1.71	1.48	46.5	54.9	55.0	7
8	26.1	18.0	5.508	202	80.5	17.7	5.16	1.80	1.10	37.8	46.1	47.0	8
9	24.6	17.7	5.408	162	80.5	15.9	4.47	1.35	1.08	51.6	40.0	38.3	9
10	21.3	18.1	5.308	126	65.9	17.6	3.81	1.11	3.93	46.2	38.1	38.2	10
11	18.3	14.3 E	5.208	110	36.3	17.7	3.39	1.02	11.0	37.2	34.5	32.2	11
12	22.6	13.3 E	5.108	95.4	30.3	15.4	3.03	1.11	8.81	32.4	73.9	62.6	12
13	26.6	13.6 E	5.028	84.4	28.6	13.7	2.88	1.13	7.33	30.2	238	75.1	13
14	24.6	11.7 E	4.868	73.2	27.1	16.3	2.41	1.09	8.18	28.8	171	62.0	14
15	22.2	10.8 E	4.665	83.3	23.3	15.3	2.40	1.29	43.4	31.6	118	47.8	15
16	21.1	10.4 E	4.628	86.5	21.8	15.8	2.26	1.30	44.6	16.9	88.0	39.5 E	16
17	17.88	10.0 E	4.758	69.9	22.5	13.1	2.22	1.15	37.8	16.8	86.1	35.3 E	17
18	14.38	9.508	4.708	64.3	20.5	10.8	2.03	0.861	48.9	16.2	84.2	30.2 E	18
19	13.28	9.308	4.858	53.3	18.0	9.40	1.78	0.858	37.3	13.3	80.5	25.2 E	19
20	12.88	9.008	4.628	59.6	16.0	8.21	1.60	0.801	28.6	13.3	45.4	21.1 E	20
21	12.58	8.708	5.808	54.6	13.7	8.83	1.40	0.688	21.1	13.3	74.8	20.1 E	21
22	12.68	8.388	8.008	48.6	12.4	8.31	1.18	0.847	28.6	18.2	133	17.8 E	22
23	13.58	8.008	10.7 E	46.8	12.0	8.72	1.33	0.883	63.6	42.6	111	16.8 E	23
24	36.1	7.788	13.6 E	43.4	14.4	8.04	1.22	0.788	38.6	42.8	78.6	15.8 E	24
25	46.7	7.508	18.0 E	36.6	14.2	7.04	1.20	0.783	28.0	35.0	65.6	14.3 E	25
26	42.18	7.388	23.6 E	32.1	11.8	9.08	1.28	0.887	21.1	86.0	60.6	13.6 E	26
27	38.68	7.258	30.0 E	27.7	10.2	8.73	1.37	0.750	16.8	83.3	83.6	12.3 E	27
28	38.48	7.008	42.0 E	23.3	9.25	12.0	1.28	0.818	13.1	68.4	45.2	11.8 E	28
29	32.68		56.0 E	25.9	8.51	27.8	1.33	0.638	10.8	134	36.7	10.8 E	29
30	28.68		74.0 E	73.7	8.78	23.6	1.16	0.913	8.40	341	33.2	9.488	30
31	27.48		100 E		8.01		1.16	0.805		208		8.478	31
TOTAL	770.3	431.00	481.87	3 048.7	854.35	367.76	112.44	33.219	522.436	1 771.88	2 384.3	1 188.83	TOTAL
MEAN	24.8	15.4	15.5	102	30.8	12.3	3.63	1.07	17.4	57.2	76.6	38.3	MEAN
MAX	46.7	35.5	100	261	100	27.8	16.3	1.71	86.8	341	238	114	MAX
MIN	12.6	7.00	4.62	23.3	8.78	8.72	1.16	0.847	0.686	9.18	33.2	8.47	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 33.0
MAXIMUM DAILY, 341 ON OCT 30
MINIMUM DAILY, 0.847 ON AUG 22
MAXIMUM INSTANTANEOUS,
377 AT 08:18 AST ON OCT 30

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 10 24 N
LONG 61 56 54 W
DRAINAGE AREA, 1 350 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	85 800	JUL	9 710
FEB	37 200	AUG	3 670
MAR	42 500	SEP	45 100
APR	263 000	OCT	183 000
MAY	82 500	NOV	204 000
JUN	31 800	DEC	103 000

TOTAL DISCHARGE, 1 040 000 dam³

NOVA SCOTIA

TUSKET RIVER AT WILSON'S BRIDGE - STATION NO 01EA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	39.5E	34.7B	11.7 B	97.6	22.7	12.3	8.24	1.80	0.504	23.7	28.7	38.2	1
2	38.0E	32.6B	12.1 B	114	21.6	11.8	7.86	1.85	0.550	22.2	43.3	55.6	2
3	37.0E	30.6B	11.6 B	140	21.6	11.3	7.15	2.06	0.455	21.5	43.4	83.7	3
4	42.0E	28.3B	11.3 B	154	21.7	10.8	7.02	2.32	0.425	25.0	40.7	117	4
5	46.0E	27.7B	10.9 B	139	22.2	10.1	6.57	2.38	0.382	28.9	37.5	109	5
6	52.5E	26.3B	10.6 B	115	28.3	9.61	6.03	2.30	0.337	31.8	34.2	90.2	6
7	51.5E	25.0B	10.4 B	98.4	31.6	9.77	5.81	2.20	0.359	33.4	30.4	74.6	7
8	48.0E	23.9B	10.2 B	86.4	37.7	9.57	5.31	2.10	0.350	32.9	27.0	63.2	8
9	43.5E	23.2B	10.0 B	78.9	41.3	9.82	5.09	1.93	0.500	30.4	24.2	53.6	9
10	40.0E	22.2B	9.809	86.5	41.1	9.95	4.84	1.85	0.704	28.9	23.3	48.6	10
11	38.5E	21.3B	9.648	81.7	38.7	10.0	4.84	1.78	0.654	26.8	21.9	41.6	11
12	36.5E	20.4B	9.468	85.5	36.0	9.98	4.52	1.72	0.648	22.8	23.3	40.6	12
13	36.0E	19.4B	9.358	69.9	31.8	10.5	4.32	1.58	0.573	20.8	26.1	41.2	13
14	37.0E	18.8B	9.198	64.5	27.8	10.8	4.09	1.45	0.654	18.3	28.8	43.3	14
15	42.4A	18.3B	9.088	59.5	26.0	11.8	3.95	1.40	1.32	17.7	32.5	44.5	15
16	45.0E	17.6B	8.958	55.4	30.1	13.3	3.84	1.34	1.83	16.6	34.3	44.5	16
17	48.5E	16.9B	8.808	51.7	37.6	16.0	3.40	1.31	2.13	15.3	33.9	42.8	17
18	40.2E	16.4B	8.708	48.1	35.8	23.5	3.18	1.08	3.11	14.2	33.6	39.5	18
19	36.3A	15.1B	8.608	46.0	33.8	25.3	2.89	0.980	4.64	13.2	31.1	38.5	19
20	35.9B	15.6B	9.388	44.2	31.9	23.1	2.78	0.894	5.81	12.2	30.1	33.8	20
21	35.0B	15.0B	10.6 B	42.6	30.6	20.1	2.68	0.828	10.7	11.4	33.2	31.2	21
22	34.1B	14.8B	11.7 B	39.6	28.7	17.4	3.61	0.848	25.3	12.8	38.8	28.8	22
23	36.0B	14.1B	14.2 B	39.6	17.4	16.5	3.62	0.848	45.6	13.5	40.4	27.0	23
24	38.6B	13.7B	16.6 B	38.2	16.1	14.1	3.32	0.768	62.5	16.7	41.7	26.0	24
25	41.2B	13.3B	23.0	38.3	15.0	12.6	2.17	0.674	68.7	22.2	40.3	23.6	25
26	43.0B	12.9B	31.6	37.0	14.1	11.5	2.03	0.667	59.4	26.0	36.5	33.2	26
27	46.3B	12.7B	42.9	35.6	13.6	10.6	1.92	0.852	49.3	28.2	37.9	32.4	27
28	46.0B	12.3B	54.4	34.6	13.5	10.1	1.76	0.595	39.9	24.6	36.4	31.6	28
29	42.0B		65.3	33.9	13.2	9.44	1.73	0.582	32.6	25.4	33.8	30.3B	29
30	38.9B		76.6	33.7	12.9	8.83	1.86	0.594	27.3	26.7	29.9	30.0B	30
31	36.6B		87.1		12.5		1.71	0.547		31.7		19.8B	31
TOTAL	1 274.4	585.1	633.78	1 747.8	748.2	382.01	123.85	42.066	445.458	690.7	1 003.1	1 619.1	TOTAL
MEAN	41.1	20.2	20.4	58.3	24.1	12.1	4.00	1.38	14.8	22.3	33.4	45.8	MEAN
MAX	52.5	34.7	87.1	154	41.3	26.3	8.24	2.38	68.7	33.4	43.4	117	MAX
MIN	34.1	12.3	8.80	22.8	12.5	8.83	1.68	0.547	0.337	11.4	21.9	19.8	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 24.8
MAXIMUM DAILY, 154 ON APR 4
MINIMUM DAILY, 0.337 ON SEP 6
MAXIMUM INSTANTANEOUS,
156 AT 13:20 AST ON APR 4

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 43 55 24 N
LONG 65 52 12 W
DRAINAGE AREA, 1 070 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	110 000	JUL	10 700
FEB	48 800	AUG	3 630
MAR	54 800	SEP	38 500
APR	151 000	OCT	59 700
MAY	64 800	NOV	86 700
JUN	33 000	DEC	123 000

TOTAL DISCHARGE, 785 000 dam³

WALLACE RIVER AT WENTWORTH CENTRE - STATION NO 01DN004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.80B	3.62B	1.45B	87.7	14.2	2.84	1.42	0.585E	0.440E	1.06	7.86	36.0 E	1
2	4.20B	3.52B	1.42B	71.0	11.0	2.69	1.30	0.840E	0.510E	5.82	5.20A	31.2 A	2
3	5.40B	3.47B	1.39B	63.5	9.59	2.49	1.32 A	0.575E	0.840E	4.03	5.80E	20.4	3
4	5.00B	3.40B	1.36B	60.2 B	10.4	2.05	1.22 E	0.520E	0.580E	3.36	5.00E	14.4	4
5	4.80B	3.34B	1.33B	52.1	9.36	1.84	1.41 E	0.600E	0.505E	3.41	5.30E	12.4	5
6	4.30B	3.27B	1.32B	53.7	9.14	2.48	1.25 E	0.550E	0.480E	2.56	5.08E	10.8	6
7	4.00B	3.23B	1.26B	44.1 A	11.0	4.65	1.15 E	0.510E	0.405E	2.13	4.65E	9.36	7
8	3.85B	3.18B	1.26B	35.0 E	8.83	3.18	1.06 E	0.485E	0.409E	2.45	4.20E	7.89A	8
9	3.70B	3.14B	1.26B	28.2 E	7.83	3.21	0.980E	0.475E	0.760E	3.34	3.80E	7.50A	9
10	3.90B	3.08B	1.24B	24.9 A	8.80	8.27	0.920E	0.480E	1.80	2.74	3.85E	8.89	10
11	3.80B	3.03B	1.22B	38.7	8.97	5.99	0.880E	0.485E	1.23	2.46	3.30E	8.49	11
12	3.41B	1.94B	1.20B	28.7	6.47	4.43	0.810E	0.580E	0.864	2.24	4.70E	6.74	12
13	3.32B	1.94B	1.18B	24.3	5.18	4.81	0.770E	0.580E	0.730E	1.82	8.00E	5.86	13
14	3.25B	1.90B	1.16B	18.8	4.80	4.06	0.780E	0.605E	0.979	1.74	6.40E	5.87	14
15	3.17B	1.67B	1.14B	17.2	4.81	3.84	0.738E	0.475E	1.27	1.81	6.80E	5.52	15
16	3.09B	1.84B	1.13B	16.4	4.88	3.20	0.720E	0.430E	1.09	1.85	8.80E	5.70	16
17	3.02B	1.80B	1.80B	15.8	4.58	2.88	0.705E	0.480E	0.836	1.38	5.40E	5.30	17
18	2.88B	1.77B	3.10B	34.7	3.98	2.49	0.880E	0.475E	0.887	1.32	8.80E	5.27	18
19	2.90B	1.73B	3.00B	52.1	3.71	2.34	0.880E	0.450E	0.840E	1.48	10.2 E	5.00B	19
20	2.87B	1.70B	2.95B	40.6	3.56	2.30	0.873E	0.430E	0.780E	1.46	9.50E	4.85B	20
21	2.77B	1.67B	5.40B	33.8	3.15	2.17	0.660E	0.420E	0.740E	1.36	24.6 E	4.85B	21
22	2.73B	1.64B	7.20B	27.8	3.02	1.84	0.645E	0.405E	8.23	4.77	15.0 E	4.95B	22
23	2.65B	1.61B	5.75B	27.1	4.85	1.82	0.640E	0.730E	5.23	4.84	13.5 E	4.70B	23
24	2.59B	1.58B	13.0 B	30.8	4.38	1.82	0.750E	0.668E	3.11	3.31	10.8 E	4.45	24
25	2.53B	1.56B	16.0 B	17.4	3.44	2.26	0.730E	0.630E	2.12	3.15	13.0 E	4.28B	25
26	2.46B	1.53B	24.0 B	13.9	3.03	1.69	0.680E	0.575E	1.87	5.13	12.2 E	4.00B	26
27	2.43B	1.50B	29.0 B	11.5	2.73	1.65	0.690E	0.540E	1.62	4.30	10.9 E	3.80B	27
28	2.36B	1.46B	33.0 B	8.84	2.61	2.12	0.810E	0.515E	1.37	3.85	9.70E	3.58B	28
29	2.32B		18.5 B	18.8	2.62	2.14	0.710E	0.500E	1.18	19.2	8.60E	3.40B	29
30	2.28B		16.4 B	18.4	2.56	1.83	0.620E	0.480E	1.08	14.6	7.70E	3.18B	30
31	2.23B		36.5 B		2.85		0.640E	0.488E		9.37		3.01B	31
TOTAL	103.03	54.37	231.73	867.84	180.93	87.46	27.067	16.218	41.935	122.87	247.03	358.19	TOTAL
MEAN	3.32	1.94	7.48	32.9	5.84	2.92	0.873	0.523	1.40	3.96	8.23	8.33	MEAN
MAX	5.40	3.62	36.5	87.7	14.2	8.27	1.42	0.730	8.23	19.2	24.6	36.0	MAX
MIN	2.23	1.46	1.13	8.84	2.56	1.82	0.620	0.405	0.605	1.06	3.30	3.01	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 5.46
MAXIMUM DAILY, 87.7 ON APR 1
MINIMUM DAILY, 0.405E ON AUG 22
MAXIMUM INSTANTANEOUS,
94.8 AT 12:35 AST ON APR 1

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 45 40 42 N
LONG 63 33 35 W
DRAINAGE AREA, 298 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	6 810	JUL	2 340
FEB	4 700	AUG	1 400
MAR	20 000	SEP	3 630
APR	85 300	OCT	10 600
MAY	15 600	NOV	21 300
JUN	7 550	DEC	33 300

TOTAL DISCHARGE, 304 000 dam³

WESTFIELD RIVER NEAR NORTH BROOKFIELD - STATION NO 01EE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.31	2.17 B	0.7685	12.5	4.48E	1.17	1.04	0.148	0.028	1.19	3.85	8.73	1
2	4.24	2.03 B	0.8908	15.7	4.10E	1.11	1.00	0.143	0.029	1.44	4.07	11.6	2
3	4.83	1.95 B	1.21 B	18.3	3.88E	0.955	0.880	0.138	0.028	1.71	4.12	13.7	3
4	4.85	1.83 B	1.32 B	18.6	3.67E	0.892	0.822	0.150	0.024	3.43	4.06	13.5	4
5	4.89	1.73 B	1.27 B	20.3	3.53E	0.853	0.919	0.137	0.021	5.34	3.93	12.4	5
6	4.78	1.64 B	1.18 B	20.9	3.82E	0.861	0.862	0.122	0.022	5.50	3.72	10.5	6
7	4.36	1.56 B	0.8858	22.5	4.25E	0.859	0.792	0.108	0.023	5.63	3.43	9.08	7
8	4.11	1.46 B	0.7888	22.6	4.78E	0.782	0.740	0.103	0.023	5.42	3.18	7.80	8
9	3.88	1.42 B	0.7438	20.2	5.08E	0.780	0.671	0.101	0.031	5.03	2.95	8.38	9
10	3.63	1.37 B	0.7148	17.8 A	4.75E	0.830	0.663	0.100	0.027	5.38	2.85	9.86	10
11	3.53	1.32 B	0.6678	16.0 E	4.30E	0.810	0.638	0.085A	0.026	4.70	2.86	9.17	11
12	3.55	1.26 B	0.6708	13.4 E	3.98E	0.784	0.631	0.087E	0.027	4.22	3.12	8.96	12
13	3.338	1.22 B	0.8538	13.7 E	3.88E	0.755	0.577	0.080E	0.025	3.77	3.51	8.21	13
14	3.148	1.17 B	0.8388	9.50E	3.37E	0.845	0.551	0.071E	0.039	3.38	3.82	8.28	14
15	2.978	1.13 B	0.8248	8.20E	3.17E	1.22	0.495	0.083E	0.046	3.08	4.02	9.76	15
16	2.848	1.08 B	0.8128	7.10E	2.89E	1.31	0.441	0.055E	0.041	2.76	4.05	9.54	16
17	2.698	1.05 B	0.8028	8.40E	2.88E	1.43	0.397	0.080E	0.036	2.46	3.87	9.56	17
18	2.698	1.05 B	0.8948	8.80E	2.48E	1.48	0.382	0.045E	0.035	2.26	3.78	8.99	18
19	2.528	0.9858	0.8848	8.90E	2.27E	1.48	0.319	0.040E	0.036	2.11	3.72	8.41	19
20	2.448	0.9508	0.8768	8.88E	2.09E	1.42	0.276	0.037E	0.036	1.93	3.80	8.98	20
21	2.388	0.9208	0.8678	8.85E	1.91E	1.37	0.240	0.035A	0.185	1.68	4.87	8.78	21
22	2.388	0.8908	1.72 B	8.82E	1.77E	1.21	0.229	0.031	0.229	1.73	5.20	8.63	22
23	2.508	0.8628	2.21	8.33E	1.68E	1.21	0.229	0.051	0.310	1.83	5.78	8.41	23
24	2.608	0.8408	2.62	8.94E	1.53E	1.23	0.193	0.041	0.457	1.89	5.61	8.25	24
25	2.728	0.8178	3.10	8.85E	1.48E	1.28	0.188	0.038	0.573	1.98	5.43	8.17	25
26	2.798	0.7988	3.79	8.33E	1.50A	1.20	0.290	0.038	0.674	1.69	5.17	8.11	26
27	2.888	0.7888	4.76	8.10E	1.35	1.09	0.258	0.035	1.01	1.78	5.11	8.078	27
28	2.898	0.7708	5.75	8.48E	1.28	1.24	0.225	0.032	1.10	1.75	5.46	8.788	28
29	2.598		6.85	8.48E	1.22	1.17	0.204	0.032	1.10	2.25	4.85	8.618	29
30	2.448		8.40	8.82E	1.13	1.14	0.178	0.028	1.11	2.67	4.33	8.488	30
31	2.328		10.5		1.18		0.168	0.032		3.31		8.368	31
TOTAL	101.62	35.080	66.380	317.36	89.18	32.878	15.470	2.270	7.853	88.21	130.81	164.48	TOTAL
MEAN	3.28	1.26	2.14	10.6	2.88	1.10	0.499	0.073	0.265	3.10	4.36	8.95	MEAN
MAX	4.89	2.17	10.5	22.6	5.08	1.48	1.04	0.150	1.11	5.63	5.81	13.7	MAX
MIN	2.32	0.770	0.687	2.86	1.13	0.755	0.168	0.031	0.021	1.19	2.85	2.36	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.88
MAXIMUM DAILY, 22.6 ON APR 8
MINIMUM DAILY, 0.021 ON SEP 5
MAXIMUM INSTANTANEOUS,
23.1 AT 01 04 AST ON APR 8

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 44 24 22 N
LONG 64 58 17 W
DRAINAGE AREA, 143 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	8 780	JUL	1 340
FEB	3 030	AUG	196
MAR	5 740	SEP	681
APR	27 400	OCT	8 310
MAY	7 700	NOV	11 300
JUN	2 840	DEC	15 900

TOTAL DISCHARGE 93 200 dam³

WHITEBURN BROOK BELOW POLLOCK LAKE - STATION NO 01EE007

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.382	0.1148	0.5508	---	---	0.035	---	---	---	---	---	---	1
2	0.728	0.1108	0.0588	---	---	---	---	---	---	---	0.185	---	2
3	0.550	0.1058	0.0548	---	---	---	---	0.001	---	---	---	---	3
4	0.538	0.1028	0.0538	---	0.184	---	---	---	---	---	---	---	4
5	0.388	0.0978	0.0528	---	---	---	---	---	---	0.239	---	---	5
6	0.348	0.0948	0.0528	1.58	---	---	0.005	---	---	---	---	---	6
7	0.304	0.0918	0.0518	---	---	---	---	---	0.001	---	---	0.408	7
8	0.297	0.0888	0.0518	---	---	0.006	---	---	---	---	---	---	8
9	0.275	0.0858	0.0508	---	---	---	---	---	---	---	0.151	---	9
10	0.2638	0.0838	0.0508	---	---	---	---	0.001	---	---	---	---	10
11	0.2548	0.0818	0.0508	---	0.135	---	---	---	---	---	---	---	11
12	0.2438	0.0788	0.0498	---	---	---	---	---	---	0.054	---	---	12
13	0.2328	0.0778	0.0498	0.580	---	---	0.118	---	---	---	---	---	13
14	0.2268	0.0758	0.0488	---	---	---	---	---	0.002	---	---	0.445	14
15	0.2178	0.0738	0.0488	---	---	0.223	---	---	---	---	---	---	15
16	0.2078	0.0718	0.0488	---	---	---	---	---	---	---	0.218	---	16
17	0.1988	0.0708	0.0478	---	---	---	---	0.001	---	---	---	---	17
18	0.1928	0.0688	0.0478	---	0.084	---	---	---	---	---	---	---	18
19	0.1838	0.0678	0.0478	---	---	---	---	---	---	0.007	---	---	19
20	0.1768	0.0658	0.187	0.307	---	---	0.005	---	---	---	---	---	20
21	0.1728	0.0648	1.82	---	---	---	---	---	0.002	---	---	0.323	21
22	0.1648	0.0638	3.18	---	---	0.005	---	---	---	---	---	---	22
23	0.1578	0.0618	2.81	---	---	---	---	---	---	---	0.435	---	23
24	0.1528	0.0608	2.39	---	---	---	---	0.001	---	---	---	---	24
25	0.1468	0.0598	0.886	---	0.010	---	---	---	---	---	---	---	25
26	0.1418	0.0588	0.567	---	---	---	---	---	---	0.132	---	---	26
27	0.1368	0.0578	0.896	---	---	---	0.028	---	---	---	---	---	27
28	0.1328	0.0568	0.663	0.132	---	---	---	---	0.002	---	---	0.462	28
29	0.1278		0.835	---	---	0.006	---	---	---	---	---	---	29
30	0.1238		0.808	---	---	---	---	---	---	---	0.336	---	30
31	0.1178		1.04		---		---	0.001		---		---	31
TOTAL	7.631	2.174	17.363	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	0.252	0.078	0.560	---	---	---	---	---	---	---	---	---	MEAN
MAX	0.728	0.114	3.18	---	---	---	---	---	---	---	---	---	MAX
MIN	0.117	0.056	0.047	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 44 21 10 N
LONG 65 05 27 W
DRAINAGE AREA, 9.49 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	570	JUL	---
FEB	188	AUG	---
MAR	1 900	SEP	---
APR	---	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

BRUDENELL RIVER AT BRUDENELL - STATION NO. 01CE004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.418	0.358	0.310	1.93	1.48	0.872	0.481	0.375	0.330	0.330	0.389	0.800E	1
2	0.429	0.426	0.316	2.38	1.33	0.843	0.456	0.360	0.372	0.393	0.379	1.01 E	2
3	0.485	0.405	0.318	2.84	1.27	0.837	0.432	0.361	0.328	0.385	0.374	0.770E	3
4	0.493	0.380	0.307	2.43	1.26	0.837	0.460	0.396	0.319	0.343	0.402	0.680E	4
5	0.458	0.373	0.324	2.33	1.18	0.822	0.486	0.373	0.316	0.335	0.405	0.640E	5
6	0.465	0.389	0.317	2.73	1.17	0.849	0.438	0.358	0.308	0.330	0.389	0.770E	6
7	0.481	0.386	0.317	3.10	1.28	0.880	0.426	0.349	0.304	0.322	0.375A	0.880E	7
8	0.506	0.358	0.328	2.47	1.18	0.842	0.420	0.350	0.306	0.334	0.348A	0.680E	8
9	0.481	0.349	0.319	2.14	1.12	0.850	0.420	0.372	0.551	0.335	0.380	0.615E	9
10	0.458	0.359	0.337	2.20	1.08	1.13	0.404	0.380	0.810	0.220	0.358	0.581A	10
11	0.485	0.378	0.338	2.15	1.05	0.844	0.403	0.375	0.441	0.320	0.345	0.593	11
12	0.523	0.353	0.330	2.11	1.03	0.869	0.397	0.361	0.357	0.311	0.849A	0.878	12
13	0.481	0.350	0.338	1.98	1.10	0.839	0.388	0.361	0.345	0.308	2.00 E	0.851	13
14	0.465	0.348	0.345	1.89	0.883	0.705	0.409	0.355	0.372	0.304	1.65 A	0.809	14
15	0.470	0.343	0.358	1.89	0.847	0.703	0.408	0.346	0.441	0.304	1.22 E	0.898	15
16	0.458	0.344	0.332	1.87	0.949	0.668	0.384	0.359	0.358	0.299	0.840E	0.810	16
17	0.444A	0.344	0.330	1.87	0.906	0.606	0.381	0.363	0.368	0.303	0.780E	0.820	17
18	0.448	0.338	0.347	2.08	0.874	0.588	0.378	0.368	0.368	0.304	0.890E	0.892	18
19	0.482	0.329	0.353	2.24	0.853	0.586	0.374	0.347	0.381	0.302	0.840E	0.885	19
20	0.443	0.326	0.382	1.94	0.828	0.563	0.388	0.336	0.363	0.300	0.890E	0.850	20
21	0.440	0.323	0.334	1.88	0.807	0.550	0.370	0.350	0.347	0.298	0.700E	0.874	21
22	0.433	0.314	0.385	1.87	0.803	0.631	0.386	0.344	0.369	0.389	0.600E	0.888	22
23	0.484	0.319	0.343	1.72	0.787	0.556	0.382	0.389	0.369	0.384	0.830E	0.845	23
24	0.483	0.310	0.332	1.88	0.789	0.672	0.375	0.362	0.347	0.334	0.850E	0.822	24
25	0.427	0.314	0.337	1.89	0.783	0.828	0.383	0.338	0.340	0.341	0.895E	0.846	25
26	0.411	0.311	0.380	1.83	0.725	0.629	0.384	0.332	0.330	0.388	0.860E	0.883	26
27	0.412	0.308	0.884	1.48	0.732	0.805	0.387	0.317	0.347	0.341	0.535E	0.836	27
28	0.387	0.308	0.800	1.41	0.737	0.868	0.385	0.323	0.342	0.330	0.810E	0.823	28
29	0.380		0.800	1.80	0.705	0.820	0.378	0.318	0.335	0.707	0.485E	0.815	29
30	0.380		0.849	1.89	0.884	0.495	0.389	0.322	0.328	0.839	0.445E	0.822	30
31	0.375		1.04		0.703		0.371	0.315		0.416		0.880	31
TOTAL	13.924	9.704	12.869	80.26	30.108	19.806	12.483	10.830	11.248	11.037	19.588	18.473	TOTAL
MEAN	0.449	0.347	0.415	2.01	0.971	0.880	0.402	0.363	0.375	0.356	0.652	0.826	MEAN
MAX	0.523	0.426	1.04	3.10	1.48	1.13	0.481	0.389	0.810	0.707	2.00	1.01	MAX
MIN	0.375	0.308	0.307	1.41	0.884	0.485	0.368	0.315	0.304	0.298	0.348	0.615	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.833
MAXIMUM DAILY, 3.10 ON APR 7
MINIMUM DAILY, 0.298 ON OCT 21
MAXIMUM INSTANTANEOUS,
3.42 AT 21:15 AST ON APR 6

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 12 07 N
LONG 62 38 23 W
DRAINAGE AREA, 33.1 km²
A - MANUAL GAUGE

E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	1 200	JUL	1 080
FEB	838	AUG	944
MAR	1 110	SEP	872
APR	6 210	OCT	884
MAY	2 800	NOV	1 680
JUN	1 680	DEC	1 680

TOTAL DISCHARGE, 20 000 dam³

CARRUTHERS BROOK NEAR ST. ANTHONY - STATION NO. 01CA003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.4258	0.2308	0.1638	4.608	1.83	0.373	0.260	0.185	0.116	0.158	0.380	3.23	1
2	0.4108	0.2278	0.1618	7.208	1.31	0.353	0.255	0.181	0.115	0.268	0.306	3.02	2
3	0.3978	0.2238	0.1588	7.05	1.07	0.322	0.243	0.183	0.111	0.265	0.272	1.76	3
4	0.382	0.2188	0.1588	6.86	0.948	0.308	0.236	0.180	0.106	0.810	0.326	1.18	4
5	0.382	0.2158	0.1578	6.72	0.850	0.304	0.235	0.178	0.104	0.708	0.588	0.889	5
6	0.414	0.2138	0.1588	6.67	0.883	0.427	0.225	0.185	0.110	0.478	0.530	0.873	6
7	0.344	0.2118	0.1558	6.008	1.01	1.04	0.208	0.158	0.105	0.385	0.382	1.10	7
8	0.365	0.2118	0.1548	7.08	0.946	0.762	0.205	0.153	0.100	0.343	0.323	0.815	8
9	0.336	0.2078	0.1528	5.08	0.859	0.588	0.204	0.150	0.158	0.429	0.326	0.802	9
10	0.3328	0.2428	0.1628	4.27	0.871	0.808	0.204	0.148	0.280	0.353	0.387	0.719	10
11	0.3228	0.2308	0.1528	4.82	0.834	0.578	0.208	0.143	0.181	0.265	0.347	0.678	11
12	0.3178	0.2238	0.1518	5.08	0.835	0.516	0.208	0.138	0.146	0.225	0.387	0.6708	12
13	0.3108	0.2188	0.1508	3.96	0.763	0.842	0.198	0.135	0.127	0.179	0.787	0.8908	13
14	0.3038	0.2118	0.1488	3.52	0.846	0.489	0.188	0.130	0.150	0.170	0.471	0.8548	14
15	0.2958	0.2068	0.1488	3.26	0.582	0.572	0.183	0.124	0.185	0.183	0.536	0.848	15
16	0.2888	0.2008	0.1478	3.24	0.784	0.572	0.185	0.125	0.147	0.155	0.517	0.826	16
17	0.2798	0.1958	0.1468	3.44	0.879	0.428	0.177	0.128	0.134	0.153	0.581	0.855	17
18	0.2728	0.1908	0.1458	5.08	0.805	0.370	0.174	0.137	0.128	0.150	1.17	0.804	18
19	0.2678	0.1878	0.1448	6.84	0.548	0.331	0.174	0.132	0.138	0.150	1.51	0.8008	19
20	0.2628	0.1678	0.1438	5.03	0.488	0.314	0.170	0.124	0.128	0.148	1.13	0.8908	20
21	0.2558	0.1808	0.1428	3.81	0.455	0.298	0.170	0.118	0.126	0.140	2.84	0.8858	21
22	0.2508	0.1778	0.1768	3.58	0.434	0.285	0.183	0.120	0.215	0.134	2.32	0.804	22
23	0.2468	0.1788	0.2558	2.86	0.484	0.269	0.174	0.127	0.189	0.133	1.44	0.874	23
24	0.2418	0.1738	0.3498	2.13	0.456	0.261	0.173	0.127	0.172	0.130	1.07	0.817	24
25	0.2378	0.1718	0.4858	1.87	0.415	0.451	0.178	0.120	0.156	0.148	1.33	0.8058	25
26	0.2348	0.1688	0.7108	1.63	0.401	0.338	0.163	0.113	0.148	0.240	1.15	0.4908	26
27	0.2318	0.1878	1.03 B	1.32	0.386	0.301	0.177	0.115	0.135	0.228	0.858	0.4758	27
28	0.2288	0.1688	0.8608	1.17	0.376	0.304	0.174	0.123	0.131	0.249	0.726	0.4608	28
29	0.2228		1.10 B	1.84	0.388	0.308	0.186	0.124	0.127	0.551	0.858	0.4758	29
30	0.2178		1.60 B	2.87	0.380	0.278	0.158	0.120	0.141	0.804	0.583	0.4808	30
31	0.2148		2.20 B		0.380		0.157	0.118		0.417		0.5008	31
TOTAL	9.262	5.701	11.948	130.65	21.282	13.092	6.070	4.248	4.320	9.035	24.180	25.748	TOTAL
MEAN	0.299	0.204	0.385	4.36	0.687	0.436	0.196	0.137	0.144	0.291	0.806	0.863	MEAN
MAX	0.425	0.267	2.20	8.00	1.83	1.04	0.260	0.190	0.280	0.810	2.84	3.23	MAX
MIN	0.214	0.168	0.142	1.17	0.376	0.269	0.157	0.113	0.100	0.130	0.272	0.480	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.730
MAXIMUM DAILY, 8.008 ON APR 7
MINIMUM DAILY, 0.100 ON SEP 8

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 44 39 N
LONG 64 11 06 W
DRAINAGE AREA, 46.8 km²

B ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE
IN CUBIC DECAMETRES

JAN	800	JUL	624
FEB	483	AUG	387
MAR	1 030	SEP	373
APR	11 300	OCT	781
MAY	1 840	NOV	2 080
JUN	1 130	DEC	2 310

TOTAL DISCHARGE, 23 000 dam³

CLYDE RIVER NEAR CLYDE RIVER - STATION NO. 01CC006

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	3.17	---	---	---	---	---	---	---	---	1
2	---	---	---	5.66	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	0.278	---	---	---	---	---	0.726	3
4	---	---	---	---	---	0.266	---	---	0.134	---	---	---	4
5	---	---	---	---	0.570	---	---	---	---	---	0.310	---	5
6	---	---	---	---	0.638	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	0.132	---	---	7
8	---	---	---	2.18	---	0.266	0.285	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	0.726	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	1.43	---	---	---	---	---	---	---	---	14
15	---	---	---	---	0.488	0.518	---	---	0.203	---	---	0.559	15
16	---	---	---	---	---	---	0.261	---	---	0.122	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	0.700	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	0.390	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	0.191	---	---	---	---	21
22	---	---	---	1.35	---	---	0.247	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	---	---	---	---	23
24	---	---	---	---	---	---	---	---	0.132	0.141	---	---	24
25	---	---	---	---	0.363	0.387	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	0.158	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	0.760	---	27
28	---	---	---	---	---	---	---	---	---	---	---	---	28
29	---		---	0.950	---	---	---	---	---	1.87	---	---	29
30	---		---	---	---	---	0.272	---	0.111	---	---	---	30
31	---		---		---		---	---		---		---	31
TOTAL	---	---	---	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 46 14 08 N
LONG 63 15 39 W
DRAINAGE AREA, 26.8 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

DUNK RIVER AT WALL ROAD - STATION NO 01CB002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.248	1.298	1.00 B	43.0 B	3.24A	1.49	1.34	0.992	0.780	0.804	1.16	3.96	1
2	1.20	1.278	1.00 B	38.5 B	2.81	1.43A	1.31	1.02	0.912	1.28	1.14	4.84	2
3	1.23	1.288	0.9908	22.0 B	2.73	1.42A	1.28	0.980	0.910	1.21	1.15	3.62	3
4	1.26	1.248	0.9808	16.9	2.62	1.40	1.26	1.07	0.803	1.20	1.13	3.20	4
5	1.21	1.238	0.9808	12.9	2.55	1.41	1.25	1.03	0.760	1.17	1.15	2.98	5
6	1.20	1.228	0.9708	12.1	1.17	1.44	1.22	0.958	0.768	1.08	1.18	2.94	6
7	1.20	1.218	0.9708	16.7	1.76	1.57	1.20	0.928	0.755	1.01	1.12	2.81	7
8	1.19	1.208	0.9608	12.8	2.38	1.52	1.18	0.922	0.740	1.03	1.08	2.54	8
9	1.20	1.198	0.9808	9.33	2.33	1.88	1.18	0.918	0.800	1.03	1.07	2.40	9
10	1.188	1.178	0.9508	7.39	2.28	2.19	1.18	0.897	1.30	0.990	1.05	2.29	10
11	1.178	1.168	0.9408	6.65	2.21	1.84	1.16	0.955	1.05	0.955	1.05	2.21	11
12	1.168	1.168	0.9308	6.65	2.17	1.76	1.17	0.951	0.911	0.915	1.38	2.28	12
13	1.128	1.168	0.9208	5.84	2.12	2.16	1.18	0.920	0.851	0.916	2.81	2.26	13
14	1.118	1.158	0.9108	5.33	2.02	1.97	1.18	0.912	0.885	0.907	2.02	2.13	14
15	1.108	1.158	0.9108	5.00	2.00A	2.14	1.17	0.918	1.02	0.898	2.18	2.04	15
16	1.088	1.148	0.9008	5.07	1.88E	2.15	1.15	0.955	0.948	0.851	2.07	1.97	16
17	1.078	1.138	0.8908	5.22	1.84E	1.81	1.13	0.935	0.893	0.884	1.84	1.88	17
18	1.058	1.128	0.8808	5.67	1.87E	1.83	1.13	0.924	0.848	0.901	3.02	1.88	18
19	1.048	1.118	0.8808	7.41	1.82E	1.72	1.08	0.890	0.832	0.880	2.33	1.88	19
20	1.038	1.108	0.8608	7.67	1.76E	1.86	1.08	0.880	0.827	0.893	2.17	1.849	20
21	1.028	1.088	0.8508	6.67	1.74E	1.81	1.11	0.848	0.825	0.885	3.42	1.81	21
22	1.028	1.078	0.8008	6.55	1.89E	1.82	1.10	0.826	1.06	0.820	2.84	1.77	22
23	1.018	1.058	0.8308	5.80	1.88E	1.48	1.08	0.900	1.07	0.894	2.75	1.76	23
24	1.008	1.048	0.8508	5.11	1.82E	1.51	1.07	0.858	0.931	0.891	4.74	1.85	24
25	1.008	1.038	1.00 A	4.89	1.58E	1.77	1.07	0.838	0.882	0.886	2.84	1.849	25
26	1.108	1.038	1.18	4.31A	1.58A	1.47	1.06	0.820	0.834	0.971	2.72	1.83	26
27	1.088	1.028	2.54	3.85E	1.65	1.42	1.13	0.788	0.825	0.948	2.68	1.818	27
28	1.048	1.018	4.44	3.55E	1.56	1.43	1.07	0.783	0.788	0.903	2.50	1.868	28
29	1.028		5.26	3.10E	1.56	1.43	0.988	0.788	0.787	1.11	2.41	1.858	29
30	1.018		8.73	3.70E	1.52	1.36	0.986	0.802	0.808	1.48	2.28	1.818	30
31	1.208		10.0 B		1.51		1.00	0.784		1.22		1.868	31
TOTAL	34.61	32.00	53.830	299.86	61.43	49.87	35.542	27.982	26.531	30.985	80.26	70.18	TOTAL
MEAN	1.12	1.14	1.73	9.99	1.98	1.66	1.18	0.903	0.884	0.999	2.01	2.26	MEAN
MAX	1.30	1.29	10.0	43.0	3.24	2.19	1.34	1.07	1.30	1.48	4.74	4.84	MAX
MIN	1.00	1.01	0.880	3.10	1.17	1.36	0.986	0.783	0.740	0.808	1.05	1.88	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.14
MAXIMUM DAILY, 43.08 ON APR 1
MINIMUM DAILY, 0.740 ON SEP 8

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 20 45 N
LONG 63 36 03 W
DRAINAGE AREA, 114 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	2 980	JUL	3 070
FEB	2 780	AUG	2 420
MAR	4 630	SEP	2 280
APR	25 900	OCT	2 670
MAY	5 310	NOV	5 210
JUN	4 310	DEC	6 060

TOTAL DISCHARGE 67 800 dam³

PRINCE EDWARD ISLAND

EMERALD BROOK NEAR EMERALD - STATION NO. 01CE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.024	0.022	0.018	2.80 B	0.184	0.057	0.047	0.028	0.019	0.017	0.014	0.111	1
2	0.025	0.024	0.019	1.95	0.148	0.053	0.047	0.027	0.018	0.019	0.013	0.047	2
3	0.026	0.023	0.019	0.812	0.139	0.051	0.042	0.027	0.016	0.016	0.012	0.040	3
4	0.025	0.022	0.017	0.505	0.135	0.059	0.048	0.029	0.017	0.020	0.014	0.038	4
5	0.024	0.021	0.017	0.357	0.130	0.080	0.045	0.028	0.018	0.018	0.014	0.035	5
6	0.024	0.022	0.018	0.429	0.127	0.062	0.042	0.024	0.018	0.017	0.014	0.042	6
7	0.024	0.021	0.019	0.488	0.134	0.062	0.041	0.024	0.018	0.018	0.012	0.040	7
8	0.027	0.024	0.019	0.272	0.122	0.059	0.041	0.028	0.018	0.018	0.012	0.040	8
9	0.025	0.022	0.019	0.213	0.119	0.076	0.038	0.025	0.018	0.017	0.013	0.038	9
10	0.026	0.021	0.018	0.312	0.114	0.083	0.039	0.023	0.018	0.018	0.013	0.037	10
11	0.028	0.021	0.018	0.234	0.109	0.085	0.038	0.025	0.017	0.018	0.013	0.038	11
12	0.027	0.020	0.018	0.208	0.107	0.070	0.038	0.025	0.015	0.018	0.032	0.038	12
13	0.026	0.019	0.018	0.185	0.104	0.074	0.038	0.023	0.016	0.015	0.022	0.039	13
14	0.025	0.019	0.018	0.184	0.097	0.084	0.037	0.021	0.017	0.013	0.018	0.036	14
15	0.026	0.020	0.017	0.181	0.096	0.077	0.037	0.024	0.018	0.013	0.018	0.037	15
16	0.028	0.020	0.018	0.191	0.094	0.084	0.035	0.024	0.017	0.014	0.018	0.036	16
17	0.028	0.021	0.018	0.194	0.080	0.084	0.034	0.025	0.018	0.013	0.019	0.038	17
18	0.025	0.020	0.018	0.236	0.088	0.086	0.033	0.028	0.018	0.013	0.028	0.038	18
19	0.023	0.020	0.018	0.251	0.083	0.085	0.034	0.025	0.018	0.015	0.024	0.035	19
20	0.023	0.019	0.018	0.211	0.080	0.088	0.033	0.022	0.018	0.014	0.038	0.034	20
21	0.020	0.019	0.018	0.221	0.079	0.083	0.032	0.022	0.018	0.013	0.042	0.038	21
22	0.021	0.019	0.018	0.209	0.079	0.086	0.033	0.023	0.019	0.014	0.026	0.038	22
23	0.023	0.018	0.018	0.192	0.078	0.082	0.031	0.023	0.018	0.011	0.027	0.038	23
24	0.023	0.019	0.018	0.196	0.078	0.078	0.031	0.023	0.016	0.012	0.027	0.036	24
25	0.021	0.019	0.017	0.178	0.074	0.082	0.032	0.021	0.018	0.014	0.029	0.035	25
26	0.020	0.019	0.021	0.184	0.071	0.050	0.033	0.020	0.015	0.012	0.027	0.037	26
27	0.020	0.019	0.029	0.180	0.069	0.048	0.031	0.020	0.015	0.011	0.025	0.038	27
28	0.020	0.019	0.038	0.157	0.069	0.053	0.030	0.019	0.014	0.011	0.027	0.038	28
29	0.019		0.086	0.178	0.070	0.049	0.028	0.018	0.015	0.018	0.027	0.038	29
30	0.019		0.274	0.183	0.069	0.047	0.027	0.019	0.017	0.014	0.028	0.037	30
31	0.022		0.679		0.069		0.028	0.018		0.013		0.037	31
TOTAL	0.737	0.573	1.551	11.747	3.083	1.835	1.122	0.723	0.482	0.481	0.843	1.244	TOTAL
MEAN	0.024	0.020	0.050	0.382	0.099	0.061	0.036	0.023	0.016	0.015	0.021	0.040	MEAN
MAX	0.028	0.024	0.679	2.80	0.184	0.083	0.047	0.029	0.019	0.020	0.042	0.111	MAX
MIN	0.019	0.019	0.015	0.157	0.069	0.047	0.027	0.018	0.014	0.011	0.012	0.034	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0.068
MAXIMUM DAILY 2.808 ON APR 1
MINIMUM DAILY 0.011 ON OCT 23

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 21 34 N
LONG 63 33 29 W
DRAINAGE AREA 5.59 km²

B - ICE CONDITIONS

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	83.7	JUL	98.9
FEB	49.5	AUG	62.5
MAR	134	SEP	42.5
APR	1 010	OCT	39.8
MAY	265	NOV	55.8
JUN	159	DEC	107

TOTAL DISCHARGE, 2 050 dam³

MONTAGUE RIVER NEAR HEAD OF MONTAGUE - STATION NO 01CE005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.485E	0.450E	0.273E	1.58	1.75	0.787	0.530	0.510E	0.515E	0.405E	0.500E	0.783	1
2	0.505E	0.445E	0.284	2.98	1.80 E	0.772	0.572	0.505E	0.502	0.475E	0.481	0.735	2
3	0.530	0.430E	0.270E	3.14	1.49 E	0.741	0.481	0.502	0.485E	0.450E	0.481	0.649	3
4	0.515E	0.420E	0.289	2.80E	1.42	0.724	0.505E	0.509	0.480E	0.435E	0.500E	0.549	4
5	0.480E	0.415E	0.281E	2.47	1.40	0.690	0.537	0.495	0.435E	0.420E	0.530	0.620E	5
6	0.460	0.411	0.274E	2.87	1.34	0.741	0.530	0.495	0.420E	0.405E	0.515	0.580E	6
7	0.453	0.400E	0.270E	2.98	1.39	0.730E	0.502	0.495	0.410E	0.420E	0.500E	0.752	7
8	0.480	0.384E	0.279E	2.77	1.31	0.701	0.502	0.500E	0.400E	0.428E	0.485E	0.713	8
9	0.432	0.385E	0.284	2.35	1.26 E	1.42	0.523	0.530E	0.400	0.420E	0.481	0.649	9
10	0.420E	0.378E	0.272E	2.45	1.20 E	0.773	0.523	0.488	0.783	0.410E	0.502	0.649	10
11	0.410E	0.370E	0.258	2.50	1.18	0.831	0.520E	0.485	0.681	0.405E	0.505E	0.630E	11
12	0.505E	0.363E	0.280E	2.30E	1.12	0.780E	0.510E	0.495	0.509	0.405E	0.519	0.700E	12
13	0.460E	0.365E	0.283E	2.09	1.19	0.880E	0.502	0.495	0.544	0.400	0.851	0.740E	13
14	0.439	0.348E	0.300E	2.02	1.08	0.819E	0.502	0.490E	0.481	0.445	1.75 E	0.618	14
15	0.432	0.339E	0.295E	2.04	1.03	0.782	0.488	0.485E	0.460E	0.400	1.03 E	0.618	15
16	0.425	0.325E	0.287E	2.02	1.00 E	0.707	0.502	0.480E	0.432	0.400E	0.519	0.618	16
17	0.400E	0.331E	0.275E	2.10	0.990E	0.686	0.509	0.502	0.486	0.400E	0.579	0.618E	17
18	0.420E	0.326E	0.266E	2.15	0.970E	0.701	0.518E	0.485	0.500E	0.396E	0.579	0.615	18
19	0.446	0.320E	0.255	2.20	0.950E	0.643	0.518E	0.483	0.485	0.385	0.570E	0.618E	19
20	0.480	0.312E	0.249	2.27	0.938	0.620E	0.515	0.489	0.400	0.375	0.585	0.618E	20
21	0.445E	0.306E	0.285E	2.25	0.918	0.580E	0.515	0.474	0.389	0.389	0.580E	0.618	21
22	0.446	0.302E	0.302E	2.33	0.900E	0.579	0.523	0.425	0.396	0.515	0.560E	0.585	22
23	0.467	0.298	0.337	2.21	0.880E	0.570E	0.509	0.520E	0.400E	0.432	0.713	0.572	23
24	0.455E	0.313	0.332E	2.18	0.860E	0.585	0.515	0.486	0.411	0.481	0.638	0.580E	24
25	0.445E	0.306	0.329	2.03E	0.851	0.638	0.510E	0.418	0.411	0.500E	0.738	0.600E	25
26	0.430E	0.296	0.329	1.92E	0.831	0.805	0.505E	0.411	0.398E	0.530	0.707	0.620E	26
27	0.425E	0.292E	0.782	1.81	0.802	0.572	0.502	0.411	0.420E	0.502	0.830	0.600E	27
28	0.420E	0.263E	0.780E	1.73	0.828	0.818	0.502	0.400	0.410E	0.480E	0.815E	0.580E	28
29	0.415E		0.780E	2.08	0.843	0.644	0.485	0.400E	0.400E	0.572	0.810E	0.570E	29
30	0.410E		0.782	1.97	0.830E	0.592	0.502	0.400E	0.398E	0.636	0.811	0.580E	30
31	0.405E		0.858		0.805E		0.509	0.537		0.580E		0.810E	31
TOTAL	13.800	9.935	11.341	58.41	33.938	21.331	15.878	14.838	13.772	13.895	19.018	19.801	TOTAL
MEAN	0.468	0.355	0.388	2.28	1.09	0.711	0.512	0.478	0.459	0.448	0.634	0.638	MEAN
MAX	0.530	0.480	0.858	3.14	1.75	1.42	0.572	0.537	0.783	0.636	1.75	0.783	MAX
MIN	0.400	0.263	0.249	1.58	0.802	0.544	0.481	0.400	0.389	0.375	0.481	0.570	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN 0.703
MAXIMUM DAILY 3.14 ON APR 3
MINIMUM DAILY 0.249 ON MAR 20

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 46 08 19 N
LONG 62 43 34 W
DRAINAGE AREA 44.4 km²

B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 200	JUL	1 370
FEB	893	AUG	1 280
MAR	880	SEP	1 190
APR	1 810	OCT	1 200
MAY	2 830	NOV	1 840
JUN	1 840	DEC	1 710

TOTAL DISCHARGE, 22 100 dam³

MORELL RIVER AT BANGOR - STATION NO. 01CD003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.005	1.305	1.10 B	7.56	5.65	1.56	1.72	0.630	0.654	0.911	3.04	4.36	1
2	1.805	1.535	1.09 B	13.0	5.15	1.94	1.61	0.624	0.606	1.35	2.52	4.75	2
3	1.935	1.475	1.08 B	16.5	4.60	1.67	1.46	0.681	0.729	1.56	2.20	4.30	3
4	1.895	1.435	1.07 B	18.5	4.38	1.61	1.60	0.978	0.675	1.15	2.16	3.87	4
5	1.835	1.405	1.06 B	19.1	4.00	1.73	1.35	0.930	0.611	1.13	2.40	3.598	5
6	1.788	1.368	1.05 B	21.4	3.78	1.83	1.39	0.887	0.555	1.08	2.38	3.859	6
7	1.768	1.368	1.03 B	26.5	4.10	2.18	1.34	0.831	0.681	0.871	2.13	5.14	7
8	1.728	1.348	1.02 B	22.8	4.08	2.18	1.24	0.784	0.566	0.884	1.82	4.35	8
9	1.668	1.338	1.01 B	17.3	3.81	2.38	1.22	0.738	0.636	0.995	1.79	3.88	9
10	1.658	1.318	1.00 B	14.0	3.47	4.14	1.18	0.806	2.48	0.978	1.88	3.61	10
11	1.638	1.308	0.9958	13.8	3.21	4.24	1.12	0.902	2.25	1.15	1.79	3.38	11
12	1.598	1.288	0.9858	13.3	3.07	3.45	1.14	0.851	1.81	1.07	8.03	3.58	12
13	1.585	1.278	0.9808	11.8	3.26	2.82	1.15	0.850	1.46	0.848	15.5	3.83	13
14	1.548	1.268	0.9808	10.8	3.09	3.36	1.13	0.829	1.14	0.729	9.78	3.45	14
15	1.528	1.258	0.9808	9.71	2.88	3.03	1.07	0.787	1.57	0.503	7.39	3.34	15
16	1.508	1.248	0.9708	9.50	2.78	2.87	1.02	0.758	1.44	0.841	5.77	3.15	16
17	1.488	1.238	0.9608	9.74	2.74	2.45	1.01	0.742	1.27	0.858	4.37	3.128	17
18	1.458	1.228	0.9508	11.4	2.84	2.18	0.901	0.777	1.23	0.723	3.91	3.10	18
19	1.438	1.208	0.9408	15.4	2.62	1.88	0.889	0.778	1.20	0.732	3.51	2.868	19
20	1.408	1.198	0.9308	14.0	2.38	1.78	0.871	0.781	1.13	0.887	3.27	2.908	20
21	1.378	1.188	0.9308	11.7	2.26	1.73	0.887	0.717	1.04	0.771	5.70	2.83	21
22	1.358	1.178	0.9408	11.0	2.18	1.72	0.790	0.712	1.38	1.38	10.1	2.81	22
23	1.338	1.168	1.00 B	9.24	2.19	1.62	0.858	0.748	1.78	2.05	7.35	2.738	23
24	1.328	1.158	1.10 B	7.91	2.13	1.70	0.885	0.815	1.44	2.06	5.70	2.83	24
25	1.318	1.148	1.28 B	7.15	2.04	2.29	0.826	0.786	1.25	1.84	5.19	2.808	25
26	1.308	1.138	1.67 B	6.26	1.96	2.05	0.855	0.840	1.08	1.70	4.71	2.868	26
27	1.288	1.128	2.50 B	5.57	1.88	1.78	0.908	0.888	0.983	1.97	4.18	2.818	27
28	1.278	1.118	3.94	5.11	1.85	1.84	0.857	0.711	0.915	1.87	3.78	2.468	28
29	1.268		4.08	5.42	1.93	2.05	0.790	0.655	0.988	3.35	3.45	2.388	29
30	1.248		4.45	5.29	1.90	1.84	0.820	0.870	0.803	5.13	3.26	2.338	30
31	1.238		5.43		1.81		0.795	0.785		3.60		2.288	31
TOTAL	47.40	35.35	47.510	372.26	94.31	69.40	33.420	24.784	34.332	44.329	139.91	102.36	TOTAL
MEAN	1.53	1.26	1.53	12.4	3.04	2.31	1.08	0.799	1.14	1.43	4.68	3.30	MEAN
MAX	2.00	1.53	5.43	26.5	5.65	4.24	1.72	0.978	2.48	5.13	15.5	5.14	MAX
MIN	1.23	1.11	0.930	5.11	1.80	1.52	0.790	0.640	0.481	0.503	1.79	2.29	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 2.85
MAXIMUM DAILY, 26.5 ON APR 7
MINIMUM DAILY, 0.481 ON SEP 7
MAXIMUM INSTANTANEOUS,
27.1 AT 06:10 AST ON APR 7

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 21 40 N
LONG 62 42 02 W
DRAINAGE AREA, 147 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	4 100	JUL	2 880
FEB	3 050	AUG	2 140
MAR	4 100	SEP	2 970
APR	32 200	OCT	3 830
MAY	8 140	NOV	12 100
JUN	6 000	DEC	8 840

TOTAL DISCHARGE, 90 400 dam³

NORTH BROOK NEAR WALL ROAD - STATION NO. 01CB005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.102	0.1288	0.0798	4.20	0.284	0.140	0.155	0.130	0.080	0.103	0.101	0.228	1
2	0.105	0.1238	0.0798	3.45	0.242	0.147	0.142	0.124	0.087	0.115	0.102	0.182	2
3	0.115	0.1188	0.0788	3.65	0.247	0.141	0.147	0.129	0.105	0.091	0.101	0.182	3
4	0.108	0.1158	0.0788	2.34	0.256	0.155	0.143	0.132	0.105	0.138	0.107	0.180	4
5	0.101	0.1118	0.0788	1.30	0.236	0.154	0.131	0.122	0.101	0.117	0.108	0.142	5
6	0.104	0.1068	0.0778	1.28	0.247	0.138	0.126	0.119	0.108	0.101	0.102	0.181	6
7	0.099	0.1038	0.0778	2.05	0.255	0.137	0.140	0.134	0.099	0.098	0.097	0.153	7
8	0.111	0.097	0.0778	0.803	0.232	0.137	0.137	0.148	0.104	0.098	0.100	0.136	8
9	0.114	0.092	0.0768	0.613	0.236	0.165	0.138	0.148	0.127	0.108	0.102	0.139	9
10	0.1138	0.0928	0.0768	0.517	0.236	0.158	0.144	0.133	0.124	0.104	0.098	0.119	10
11	0.109	0.0928	0.0758	0.536	0.230	0.155	0.144	0.140	0.098	0.115	0.090	0.136	11
12	0.1088	0.0918	0.0758	0.482	0.247	0.155	0.148	0.137	0.111	0.107	0.118	0.135	12
13	0.106	0.0918	0.0748	0.415	0.256	0.173	0.135	0.122	0.113	0.103	0.186	0.126	13
14	0.117	0.0918	0.0748	0.386	0.227	0.162	0.138	0.124	0.109	0.101	0.127	0.140	14
15	0.123	0.0908	0.0738	0.381	0.235	0.169	0.136	0.124	0.116	0.108	0.131	0.137	15
16	0.121	0.0908	0.0728	0.359	0.236	0.175	0.133	0.128	0.117	0.108	0.120	0.130	16
17	0.1208	0.089	0.0718	0.349	0.232	0.158	0.128	0.130	0.116	0.108	0.123	0.134	17
18	0.1198	0.084	0.070	0.295	0.204	0.158	0.129	0.139	0.112	0.123	0.130	0.115	18
19	0.1188	0.0848	0.0708	0.444	0.188	0.182	0.128	0.137	0.102	0.108	0.126	0.114	19
20	0.113	0.083	0.0698	0.389	0.188	0.159	0.130	0.127	0.101	0.099	0.134	0.128	20
21	0.1128	0.0828	0.0688	0.374	0.188	0.182	0.126	0.133	0.095	0.101	0.182	0.128E	21
22	0.1118	0.0828	0.0688	0.363	0.193	0.193	0.136	0.119	0.121	0.103	0.145	0.137E	22
23	0.1108	0.0828	0.0708	0.336	0.187	0.147	0.136	0.125	0.113	0.102	0.133	0.137E	23
24	0.1098	0.0818	0.0718	0.315	0.178	0.148	0.143	0.111	0.107	0.100	0.136	0.128E	24
25	0.1068	0.0818	0.0858A	0.283	0.184	0.154	0.148	0.114	0.098	0.109	0.149	0.134E	25
26	0.1078	0.0818	0.118	0.258	0.187	0.153	0.148	0.100	0.098	0.098	0.151	0.142E	26
27	0.1068	0.0808	0.235	0.256	0.172	0.193	0.138	0.088	0.093	0.098	0.148	0.137E	27
28	0.1048	0.0808	0.258	0.259	0.170	0.182	0.130	0.084	0.087	0.100	0.120	0.138E	28
29	0.1028		0.331	0.279	0.185	0.181	0.134	0.081	0.101	0.120	0.115	0.134E	29
30	0.100		0.324	0.285	0.180	0.154	0.131	0.092	0.098	0.110	0.119	0.133E	30
31	0.135		1.96 B		0.142		0.120	0.078		0.109		0.127E	31
TOTAL	3.431	2.620	5.311	28.347	6.590	4.724	4.230	3.783	3.183	3.296	3.858	4.353	TOTAL
MEAN	0.111	0.094	0.171	0.678	0.213	0.157	0.136	0.121	0.106	0.106	0.122	0.140	MEAN
MAX	0.135	0.128	1.96	4.20	0.284	0.193	0.155	0.148	0.127	0.138	0.186	0.228	MAX
MIN	0.099	0.080	0.069	0.256	0.142	0.127	0.120	0.078	0.087	0.088	0.090	0.114	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.186
MAXIMUM DAILY, 4.20 ON APR 1
MINIMUM DAILY, 0.0698 ON MAR 20

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 20 49 N
LONG 63 37 58 W
DRAINAGE AREA, 13.8 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	298	JUL	388
FEB	226	AUG	326
MAR	469	SEP	273
APR	2 260	OCT	285
MAY	588	NOV	316
JUN	408	DEC	376

TOTAL DISCHARGE, 6 180 dam³

PRINCE EDWARD ISLAND

WEST RIVER AT RIVERDALE - STATION NO. 01CC005

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	---	---	---	5.48	---	---	---	---	---	---	---	---	1
2	---	---	---	11.8	---	---	---	---	---	---	---	---	2
3	---	---	---	---	---	0.893	---	---	---	---	---	3.13	3
4	---	---	---	---	---	---	---	---	0.801	---	---	---	4
5	---	---	---	---	2.13	---	---	---	---	---	1.18	---	5
6	---	---	---	---	2.12	---	---	---	---	---	---	---	6
7	---	---	---	---	---	---	---	---	---	0.836	---	---	7
8	---	---	---	5.20	---	0.939	0.843	---	---	---	---	---	8
9	---	---	---	---	---	---	---	---	---	---	---	---	9
10	---	---	---	---	---	1.54	---	---	---	---	---	---	10
11	---	---	---	---	---	---	---	---	---	---	---	---	11
12	---	---	---	---	---	---	---	---	---	---	---	---	12
13	---	---	---	---	---	---	---	---	---	---	---	---	13
14	---	---	---	6.30	---	---	---	---	---	---	---	---	14
15	---	---	---	---	1.48	1.71	---	---	1.04	0.560	---	1.88	15
16	---	---	---	---	---	---	0.732	---	---	0.541	---	---	16
17	---	---	---	---	---	---	---	---	---	---	---	---	17
18	---	---	---	---	---	---	---	---	---	---	2.27	---	18
19	---	---	---	---	---	---	---	---	---	---	---	---	19
20	---	---	---	---	1.27	---	---	---	---	---	---	---	20
21	---	---	---	---	---	---	---	0.667	---	---	---	---	21
22	---	---	---	8.53	---	---	0.883	---	---	---	---	---	22
23	---	---	---	---	---	---	---	---	0.836	0.594	---	---	23
24	---	---	---	---	---	---	---	---	---	---	---	---	24
25	---	---	---	---	1.11	1.31	---	---	---	---	---	---	25
26	---	---	---	---	---	---	---	0.667	---	---	---	---	26
27	---	---	---	---	---	---	---	---	---	---	2.74	---	27
28	---	---	---	---	---	---	---	---	---	1.81	---	---	28
29	---		---	2.91	---	---	---	---	0.472	---	---	---	29
30	---		---	---	---	---	0.801	---	---	---	---	---	30
31	---		---		---		---	---		---		---	31
TOTAL	---	---	---	---	---	---	---	---	---	---	---	---	TOTAL
MEAN	---	---	---	---	---	---	---	---	---	---	---	---	MEAN
MAX	---	---	---	---	---	---	---	---	---	---	---	---	MAX
MIN	---	---	---	---	---	---	---	---	---	---	---	---	MIN

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - MANUAL
LOCATION - LAT 46 13 50 N
LONG 63 21 07 W
DRAINAGE AREA, 70.1 km²

NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	---	JUL	---
FEB	---	AUG	---
MAR	---	SEP	---
APR	---	OCT	---
MAY	---	NOV	---
JUN	---	DEC	---

WILMOT RIVER NEAR WILMOT VALLEY - STATION NO. 01CB004

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.441	0.5208	0.288	12.8 B	1.23	0.676	0.606	0.397	0.331	0.320	0.348	2.11	1
2	0.438	0.4608	0.247	15.8 B	1.13	0.556	0.491	0.391	0.361	0.611	0.341	1.29	2
3	0.446	0.4308	0.2608	8.69	1.06	0.539	0.463	0.386	0.338	0.390	0.342	1.03	3
4	0.439	0.4188	0.267	5.30	1.02	0.536	0.467	0.433	0.320	0.673	0.355	0.982	4
5	0.423	0.4008	0.280	3.69	0.983	0.541	0.494	0.391	0.316	0.488	0.370	0.877	5
6	0.433	0.3678	0.288	4.04	0.977	0.600	0.484	0.388	0.312	0.398	0.375	0.896	6
7	0.431	0.3728	0.264	5.67	0.968	0.616	0.478	0.373	0.323	0.387	0.345	0.947	7
8	0.433	0.3608	0.257	2.87	0.848	0.565	0.484	0.382	0.319	0.382	0.344	0.888	8
9	0.418	0.348	0.264	3.18	0.879	0.883	0.474	0.370	0.426	0.361	0.359	0.846	9
10	0.404	0.3698	0.250	1.98	0.886	0.857	0.469	0.375	0.478	0.360	0.343	0.818	10
11	0.417	0.3508	0.258	2.13	0.822	0.690	0.478	0.406	0.383	0.385	0.338	0.786	11
12	0.408	0.3388	0.261	2.12	0.818	0.837	0.467	0.383	0.330	0.354	0.711	0.906	12
13	0.405	0.3308	0.283	1.83	0.787	0.884	0.482	0.378	0.324	0.342	0.849	0.858	13
14	0.398	0.3248	0.240	1.78	0.781	0.838	0.484	0.381	0.379	0.328	0.698	0.839	14
15	0.388	0.3198	0.247	1.71	0.780	0.768	0.480	0.388	0.405	0.334	0.898	0.781	15
16	0.404	0.3148	0.2508	1.71	0.786	0.888	0.486	0.378	0.382	0.332	0.823	0.7888	16
17	0.403	0.3108	0.2508	1.78	0.762	0.894	0.442	0.372	0.344	0.330	0.494	0.7888	17
18	0.423	0.3068	0.2498	2.04	0.732	0.878	0.434	0.361	0.346	0.330	0.898	0.7818	18
19	0.412	0.303	0.2488	2.23	0.710	0.861	0.442	0.362	0.322	0.328	0.729	0.7888	19
20	0.397	0.290	0.2498	1.83	0.888	0.858	0.483	0.337	0.319	0.323	0.687	0.788	20
21	0.432	0.280	0.2558	1.80	0.882	0.854	0.446	0.343	0.324	0.321	1.35	0.784	21
22	0.404	0.275	0.2708	1.78	0.868	0.833	0.444	0.337	0.466	0.380	0.878	0.735	22
23	0.411	0.276	0.2808	1.68	0.868	0.835	0.428	0.410	0.378	0.328	0.818	0.729	23
24	0.382	0.272	0.2628	1.61	0.818	1.20	0.422	0.360	0.348	0.331	0.788	0.708	24
25	0.396	0.274	0.4608	1.64	0.898	1.11	0.436	0.330	0.332	0.337	0.885	0.885	25
26	0.484	0.278	0.6708	1.37	0.888	0.885	0.435	0.331	0.328	0.359	0.831	0.889	26
27	0.452	0.271	0.6508	1.28	0.861	0.848	0.413	0.318	0.328	0.340	0.780	0.880	27
28	0.447	0.278	1.20 B	1.21	0.898	0.855	0.388	0.327	0.327	0.352	0.729	0.852	28
29	0.414		1.60 B	1.29	0.892	0.822	0.383	0.323	0.323	0.488	0.714	0.872	29
30	0.378		2.45 B	1.31	0.888	0.805	0.387	0.339	0.313	0.438	0.708	0.895	30
31	0.388		3.40 B		0.878		0.398	0.326		0.388		0.711	31
TOTAL	12.911	9.437	17.214	97.02	24.343	19.478	13.992	11.262	10.473	11.852	16.287	26.887	TOTAL
MEAN	0.416	0.337	0.555	3.23	0.785	0.849	0.451	0.363	0.348	0.373	0.809	0.880	MEAN
MAX	0.484	0.520	3.40	15.8	1.23	1.30	0.606	0.423	0.478	0.673	1.35	2.11	MAX
MIN	0.378	0.271	0.240	1.21	0.555	0.505	0.383	0.318	0.312	0.320	0.336	0.862	MIN

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.747
MAXIMUM DAILY, 15.88 ON APR 2
MINIMUM DAILY, 0.240 ON MAR 14

SUMMARY FOR THE YEAR 1987

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 23 35 N
LONG 63 39 36 W
DRAINAGE AREA, 45.4 km²
A - MANUAL GAUGE
B - ICE CONDITIONS
E - ESTIMATED
NATURAL FLOW

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	1 120	JUL	1 210
FEB	815	AUG	972
MAR	1 490	SEP	905
APR	8 380	OCT	988
MAY	2 100	NOV	1 380
JUN	1 680	DEC	2 300

TOTAL DISCHARGE, 23 600 dam³

WINTER RIVER AT BRACKLEY WELLS PUMPING STATION - STATION NO. 01CC003

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0 B	0	0	1.65 B	0.178	0.024	0.004	0	0	0	0.013	0.088	1
2	0 B	0	0	1.00 B	0.147	0.022	0.003	0	0	0.004	0.008	0.110	2
3	0 B	0	0	0.7708	0.134	0.020	0.003	0	0	0.003	0.004	0.081	3
4	0 B	0	0	0.6208	0.127	0.020	0.003	0	0	0.004	0.005	0.027	4
5	0 B	0	0	0.5108	0.116	0.018	0.003	0	0	0.004	0.008	0.039	5
6	0 B	0	0	0.4808	0.113	0.021	0.002	0	0	0.002	0.010	0.054	6
7	0 B	0	0	0.888	0.121	0.021	0.002	0	0	0.002	0.007	0.074	7
8	0 B	0	0	0.488	0.098	0.018	0.002	0	0	0.002	0.004	0.057	8
9	0 B	0	0	0.305	0.082	0.026	0.002	0	0	0.002	0.003	0.052	9
10	0 B	0	0	0.302	0.077	0.083	0.002	0	0	0.002	0.003	0.046	10
11	0 B	0	0	0.332	0.072	0.039	0.001	0	0	0.001	0.002	0.044	11
12	0 B	0	0	0.326	0.070	0.022	0.002	0	0	0.001	0.340	0.050	12
13	0 B	0	0	0.263	0.067	0.055	0.001	0	0	0.001	0.432	0.049	13
14	0 B	0	0	0.234	0.060	0.027	0.001	0	0	0.001	0.042	0.045	14
15	0 B	0	0	0.234	0.057	0.044	0.001	0	0.003	0.001	0.077	0.043	15
16	0 B	0	0	0.226	0.081	0.035	0	0	0.002	0	0.037	0.044	16
17	0	0	0	0.284	0.054	0.017	0	0	0.002	0	0.022	0.043	17
18	0	0	0	0.334	0.050	0.012	0	0	0.002	0	0.010	0.040	18
19	0	0	0	0.470	0.048	0.011	0	0	0.002	0	0.007	0.038	19
20	0.001	0	0	0.323	0.042	0.010	0	0	0.002	0	0.007	0.038	20
21	0.001	0	0	0.273	0.038	0.010	0	0	0.001	0	0.180	0.035	21
22	0	0	0	0.287	0.037	0.008	0	0	0.004	0.002	0.208	0.033	22
23	0	0	0.001	0.211	0.038	0.008	0	0	0.004	0.004	0.058	0.078	23
24	0	0	0.001	0.186	0.033	0.010	0	0	0.002	0.004	0.032	0.038	24
25	0	0	0.001	0.178	0.032	0.010	0	0	0.002	0.004	0.065	0.030	25
26	0	0	0.002	0.163	0.029	0.008	0	0	0.001	0.003	0.081	0.030	26
27	0	0	0.001	0.151	0.027	0.005	0	0	0.001	0.002	0.033	0.028	27
28	0	0	0.001	0.147	0.026	0.006	0	0	0.001	0.002	0.029	0.026	28
29	0		0.002	0.188	0.026	0.006	0	0	0.001	0.081	0.024	0.026	29
30	0		0.1108	0.215	0.025	0.005	0	0	0	0.080	0.021	0.025	30
31	0		0.2308		0.025		0	0		0.027		0.023	31
TOTAL	0.002	0	0.349	11.988	2.114	0.604	0.032	0	0.030	0.238	1.728	1.413	TOTAL
MEAN	0	0	0.011	0.399	0.068	0.020	0.001	0	0.001	0.008	0.058	0.046	MEAN
MAX	0.001	0	0.230	1.65	0.178	0.083	0.004	0	0.004	0.081	0.432	0.110	MAX
MIN	0	0	0	0.147	0.025	0.005	0	0	0	0	0.002	0.023	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.081
MAXIMUM DAILY, 1.65B ON APR 1
MINIMUM DAILY, 0B ON JAN 1

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 18 54 N
LONG 63 06 46 W
DRAINAGE AREA, 4.92 km²

B - ICE CONDITIONS

REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	0.17	JUL	2.76
FEB	0	AUG	0
MAR	30.2	SEP	2.59
APR	1 030	OCT	20.6
MAY	183	NOV	149
JUN	52.2	DEC	122

TOTAL DISCHARGE, 1 590 dam³

REMARKS - EXTREME HIGH FLOWS BYPASS THE GAUGE

WINTER RIVER NEAR SUFFOLK - STATION NO 01CC002

DAILY DISCHARGE IN CUBIC METRES PER SECOND FOR 1987

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.167E	0.147E	0.114	2.00	1.20	0.426	0.286	0.173	0.189	0.183	0.342	0.520E	1
2	0.167E	0.146E	0.116	5.56	1.02	0.436	0.277	0.184	0.251	0.288	0.316	0.640E	2
3	0.166E	0.144E	0.120	5.78	0.812	0.400	0.278	0.195	0.210	0.283	0.292	0.614A	3
4	0.165E	0.143E	0.119	4.63	0.681	0.400	0.258	0.207	0.188	0.302	0.284	0.501	4
5	0.167E	0.142E	0.120	3.97	0.639	0.388	0.272	0.190	0.176	0.284	0.357	0.520	5
6	0.168E	0.141E	0.120	3.70	0.623	0.431	0.278	0.144	0.185	0.208	0.328	0.580	6
7	0.170A	0.140E	0.115	4.82	0.845	0.442	0.248	0.150	0.181	0.183	0.304	0.699	7
8	0.224	0.139E	0.116	3.67	0.818	0.431	0.245	0.181	0.174	0.189	0.290	0.651	8
9	0.241	0.138E	0.122	2.67	0.744	0.488	0.243	0.186	0.281	0.183	0.278	0.546	9
10	0.231	0.137E	0.121	1.80	0.671	0.722	0.248	0.180	0.636	0.141	0.308	0.501	10
11	0.239	0.136E	0.116	3.09	0.840	1.20	0.244	0.182	0.358	0.180	0.241	0.483	11
12	0.313	0.135E	0.112	2.13	0.851	1.05	0.253	0.188	0.242	0.142	0.577	0.592	12
13	0.273	0.133E	0.121	1.85	0.885	0.889	0.249	0.189	0.177	0.137	2.24 A	0.653	13
14	0.251	0.132E	0.126	1.72	0.898	0.829	0.252	0.182	0.218	0.134	1.65 E	0.602	14
15	0.216	0.130E	0.127	1.80	0.836	0.816	0.239	0.180	0.285	0.113	1.15 E	0.388	15
16	0.186	0.126E	0.154	1.52	0.820	0.808	0.226	0.169	0.188	0.111	0.820E	0.240	16
17	0.189	0.127E	0.181	1.84	0.863	0.426	0.223	0.178	0.182	0.119	0.700E	0.223	17
18	0.185	0.126E	0.160	1.88	0.861	0.341	0.235	0.176	0.187	0.123	0.600E	0.203	18
19	0.208	0.123E	0.155	2.49	0.802	0.328	0.227	0.143	0.167	0.128	0.520E	0.209	19
20	0.205	0.120E	0.148	2.28	0.886	0.324	0.218	0.189	0.162	0.125	0.480E	0.282	20
21	0.191	0.118E	0.139	1.76	0.813	0.304	0.184	0.185	0.156	0.118	0.700E	0.393	21
22	0.178	0.118E	0.147	1.69	0.812	0.278	0.186	0.182	0.278	0.184	1.41 E	0.442	22
23	0.178	0.114E	0.148	1.54	0.820	0.282	0.189	0.156	0.262	0.186	1.01 E	0.422	23
24	0.173	0.113A	0.156	1.35	0.801	0.260	0.184	0.151	0.188	0.187	0.880E	0.426	24
25	0.176	0.122	0.186	1.23	0.473	0.301	0.185	0.143	0.167	0.171	0.740E	0.394	25
26	0.186	0.122	0.185	1.14	0.454	0.287	0.180	0.138	0.172	0.208	0.670E	0.382	26
27	0.182A	0.117	0.272	1.06	0.448	0.389	0.184	0.180	0.178	0.178	0.600E	0.376	27
28	0.147E	0.111	0.337	0.993	0.451	0.413	0.205	0.184	0.174	0.182	0.540E	0.356	28
29	0.140E		0.376	1.08	0.442	0.452	0.205	0.176	0.188	0.486	0.490E	0.386	29
30	0.137E		0.403	1.27	0.426	0.358	0.184	0.186	0.182	0.836	0.480E	0.367	30
31	0.134E		0.614		0.421		0.176	0.170		0.487		0.407	31
TOTAL	5.887	3.840	5.606	71.333	19.854	14.367	7.073	5.149	6.467	5.571	19.426	13.819	TOTAL
MEAN	0.190	0.130	0.178	2.36	0.640	0.478	0.228	0.166	0.216	0.212	0.648	0.446	MEAN
MAX	0.313	0.147	0.614	5.78	1.20	1.05	0.288	0.207	0.636	0.836	2.24	0.699	MAX
MIN	0.134	0.111	0.112	0.993	0.421	0.278	0.176	0.138	0.162	0.111	0.241	0.203	MIN

SUMMARY FOR THE YEAR 1987

DISCHARGES IN CUBIC METRES PER SECOND

MEAN, 0.481
MAXIMUM DAILY, 5.78 ON APR 3
MINIMUM DAILY, 0.111 ON FEB 28
MAXIMUM INSTANTANEOUS,
6.80 AT 00:41 AST ON APR 3

TYPE OF GAUGE - RECORDING
LOCATION - LAT 46 19 55 N
LONG 63 03 53 W
DRAINAGE AREA, 37.5 km²
A - MANUAL GAUGE

E - ESTIMATED
REGULATED

MONTHLY TOTAL DISCHARGE IN CUBIC DECAMETRES

JAN	810	JUL	611
FEB	314	AUG	445
MAR	478	SEP	659
APR	6 180	OCT	866
MAY	1 720	NOV	1 680
JUN	1 240	DEC	1 180

TOTAL DISCHARGE, 15 600 dam³

NAME	STATION NO.	PAGE
NEWFOUNDLAND AND LABRADOR		
ALEXIS RIVER NEAR PORT HOPE SIMPSON	03OC002	1
ASHUANIPI RIVER AT MENIHEK RAPIDS	03DA001	1
ATIKONAK RIVER AT GABBRO LAKE	03OC006	2
ATIKONAK RIVER AT OSSAKMANUAN LAKE CONTROL STRUCTURE	03DD006	2
BARYLETTS RIVER NEAR ST. ANTHONY	02YA002	3
BAY DU NORD RIVER AT BIG FALLS	02ZF001	3
BIG BROOK AT LEAD COVE	02ZL006	4
BLANCHE BROOK NEAR STEPHENVILLE	02YJ002	4
BOOT BROOK AT TRANS-CANADA HIGHWAY	02YK008	5
BOTTOM CREEK NEAR ROCKY HARBOUR	02YH001	5
CHURCHILL RIVER ABOVE UPPER MUSKRAT FALLS	03DE001	6
CHURCHILL RIVER AT CHURCHILL FALLS POWERHOUSE	03DD005	6
CHURCHILL RIVER AT FOOT OF LOWER MUSKRAT FALLS	03DE006	7
CHURCHILL RIVER BELOW GULL ISLAND RAPIDS	03DE005	7
CHURCHILL RIVER BETWEEN UPPER AND LOWER MUSKRAT FALLS	03DE004	8
COME BY CHANCE RIVER NEAR GOOBIES	02ZM002	8
CORNER BROOK AT WATSONS BROOK POWERHOUSE	02YL002	9
DEER LAKE AT DEER LAKE	02YL007	9
DEER LAKE NEAR PASADENA	03YL008	10
EAGLE RIVER ABOVE FALLS	03OC001	10
EXPLOITS RIVER AT GRAND FALLS	02YD001	11
EXPLOITS RIVER BELOW NOEL PAULS BROOK	02YD011	11
EXPLOITS RIVER BELOW STONY BROOK	02YD008	12
GANDER RIVER AT BIG CHUTE	02YD001	12
GARNISH RIVER NEAR GARNISH	02ZE001	13
GLIDE BROOK BELOW GLIDE LAKE	03YK007	13
GRANDY BROOK BELOW TOP POND BROOK	02ZC002	14
GREAT RATTLING BROOK ABOVE TOTE RIVER CONFLUENCE	03YD004	14
GREAVETT BROOK ABOVE PORTLAND CREEK POND	03YE001	15
GREY RIVER NEAR GREY RIVER	02ZD002	15
HARRYS RIVER BELOW HIGHWAY BRIDGE	02YJ001	16
HIGHLANDS RIVER AT TRANS-CANADA HIGHWAY	02ZA002	16
HINDS BROOK AT HINDS BROOK POWER HOUSE	02YK008	17
HUMBER RIVER AT GRAND LAKE OUTLET	02YK001	17
HUMBER RIVER AT HUMBER VILLAGE BRIDGE	02YL003	18
INDIAN BAY BROOK NEAR NORTHWEST ARM	02YR003	18
INDIAN BROOK AT INDIAN FALLS	02YM001	19
ISLE AUX MORTS RIVER BELOW HIGHWAY BRIDGE	02ZB001	19
JUNCTION BROOK NEAR BADGER	02YD010	20
KANAIRIKTOK RIVER BELOW SNEGAMOOK LAKE	03NE001	20
LEARY BROOK AT PRINCE PHILIP DRIVE	02ZM020	21
LEARY BROOK AT ST. JOHN'S	02ZM017	21
LEECH BROOK NEAR GRAND FALLS	02YD007	22
LEWASEECHJEECH BROOK AT LITTLE GRAND LAKE	02YK002	22
LITTLE BARACHOIS BROOK NEAR ST. GEORGE'S	02ZA001	23
LITTLE BARACHOIS RIVER NEAR PLACENTIA	02ZK003	23
LITTLE BARASWAY BROOK NEAR MOLLIERS	02ZE005	24
LITTLE CODROY RIVER NEAR DOYLES	02ZA003	24
LITTLE MECATINA RIVER ABOVE LAC FOURMONT	03NA003	25
LITTLE SALMONIER RIVER NEAR NORTH HARBOUR	02ZK004	25
LLOYDS RIVER BELOW KING GEORGE IV LAKE	02YN002	26
MAIN RIVER AT PARADISE POOL	02YG001	26
MIDDLE ARM BROOK BELOW FLATWATER POND	02YG002	27
MIDDLE BROOK NEAR GAMBO	02YR001	27
MINIPI RIVER BELOW MINIPI LAKE	03DE003	28
MOBILE RIVER AT MOBILE FIRST POND	02ZM003	28
NASKAUPI RIVER BELOW NASKAUPI LAKE	03PB002	29
NORTH BROOK NEAR RED BAY	03KD002	29
NORTHEAST BROOK NEAR RODDICKTON	02YD002	30
NORTHEAST POND RIVER AT NORTHEAST POND	02ZM006	30
NORTHEAST RIVER NEAR PLACENTIA	02ZK002	31
NORTHWEST BROOK AT NORTHWEST POND	02ZM001	31
NORTHWEST GANDER RIVER NEAR GANDER LAKE	02YD004	32
PETERS RIVER NEAR BOTWOOD	02YB008	32
PETTY HARBOUR RIVER AT SECOND POND	02ZM001	33
PIERRES BROOK AT GULL POND	02ZM002	33
PINCHGUT BROOK AT OUTLET OF PINCHGUT LAKE	02YJ003	34
PIPERS HOLE RIVER AT MOTHERS BROOK	02ZM001	34
RAGGED HARBOUR RIVER NEAR MUSGRAVE HARBOUR	02YR002	35
RATTLE BROOK NEAR BOAT HARBOUR	02ZC004	35
RATTLER BROOK NEAR MCIVERS	02YL005	36
RATTLING BROOK AT RATTLING BROOK POWERHOUSE	02YB003	36
RIVIERE JOIR NEAR PROVINCIAL BOUNDARY	02XA004	37
ROCKY RIVER NEAR COLINET	02ZK001	37
SALMON COVE RIVER NEAR CHAMPNEYS	02ZJ002	38
SALMON RIVER AT BAY D'ESPOIR POWERHOUSE	02ZE003	38
SALMON RIVER NEAR GLENWOOD	02YG005	39
SALMONIER RIVER NEAR LAMALINE	02ZC003	39
SANDY BROOK AT SANDY BROOK POWERHOUSE	02YB004	40
SEAL COVE BROOK NEAR CAPPAHAYDEN	02ZM008	40
SHEARSTOWN BROOK AT SHEARSTOWN	02ZL004	41
SHEFFIELD BROOK NEAR TRANS CANADA HIGHWAY	02YK005	41
SHOAL ARM BROOK NEAR BADGER BAY	02YP001	42
SHOAL HARBOUR RIVER NEAR CLARENVILLE	02ZJ003	42
SOUTH BROOK AT PASADENA	02YL004	43
SOUTH BROOK AT PEARL TOWN ROAD	02ZM021	43
SOUTH RIVER NEAR HOLYROOD	02ZM018	44
SOUTH WEST BROOK NEAR BAIE VERTE	02YN003	44
SOUTHERN BAY RIVER NEAR SOUTHERN BAY	02ZJ001	45
SOUTHWEST BROOK AT TERRA NOVA NATIONAL PARK	02YS003	45
SOUTHWEST GANDER RIVER BELOW LARSON FALLS	02YD008	46
SPOUT COVE BROOK NEAR SPOUT COVE	02ZL003	46
ST. SHOTTS RIVER NEAR TREPASSEY	02ZN002	47
STE. GENEVIEVE RIVER NEAR FORRESTERS POINT	02YA001	47
TERRA NOVA RIVER AT GLOVERTOWN	02YS005	48
TIDES BROOK BELOW FRESHWATER POND	02ZC002	48
TORRENT RIVER AT BRISTOL'S POOL	02YC001	49
TROUT BROOK NEAR BELLEVUE	02ZK005	49

NAME	STATION NO.	PAGE
UGJOKTOK RIVER BELOW HARP LAKE	03NF001	50
UNKNOWN RIVER AT LEWISPORTE	03YD008	50
UPPER HUMBER RIVER NEAR REIDVILLE	03YL001	51
VIRGINIA RIVER AT CARTWRIGHT PLACE	03ZM019	51
VIRGINIA RIVER AT PLEASANTVILLE	03ZM018	52
WATERFORD RIVER AT KILBRIDE	03ZM008	52
WATERFORD RIVER AT MOUNT PEARL	03ZM010	53
NEW BRUNSWICK		
AROOSTOOK RIVER NEAR TINKER	01AG003	54
BARNABY RIVER BELOW SEMIWAGAN RIVER	01BD003	54
BARTIBOG RIVER BELOW HIGHWAY NO. 8	01BD004	55
BASS RIVER AT BASS RIVER	01BL001	55
BECAGUIMEC STREAM AT COLDSTREAM	01AJ010	56
BIG PRESQUE ISLE STREAM AT TRACEY MILLS	01AJ004	56
BIG TRACADIE RIVER AT MURCHY BRIDGE CROSSING	01BL003	57
BURPEE MILLSTREAM NEAR FERNMOUNT	01AG005	57
CANAAN RIVER AT EAST CANAAN	01AP002	58
CASTAWAY STREAM NEAR CASTAWAY	01AN001	58
CHAMCOOK STREAM AT LITTLE CHAMCOOK LAKE OUTLET	01AR013	59
COAL BRANCH RIVER AT BEERSVILLE	01BS001	59
COLD STREAM AT COLDSTREAM	01AJ011	60
DENNIS STREAM NEAR ST. STEPHEN	01AR005	60
EEL RIVER NEAR DUNDEE	01BJ012	61
EEL RIVER NEAR SCOTT SIDING	01AK005	61
FISH RIVER NEAR FORT KENT	01AE001	62
FOREST CITY STREAM BELOW FOREST CITY DAM	01AR011	62
FORTY MILE BROOK (WEST BRANCH) AT CARIBOU DEPOT	01BK005	63
FRENCH LAKE AT LAKEVILLE CORNER	01AG010	63
GRAND FALLS FLOWAGE AT GRAND FALLS	01AR013	64
GRAND LAKE AT FOREST CITY	01AK005	64
GRAND LAKE AT NEWCASTLE CREEK	01AD003	65
GRANDE RIVIERE AT VIOLETTE BRIDGE	01AF007	65
GREEN RIVER NEAR RIVIERE-VERTE	01AF003	66
HAYDEN BROOK NEAR NARROWS MOUNTAIN	01AL003	66
JACQUET RIVER NEAR DURHAM CENTRE	01BJ003	67
JEMSEG RIVER AT JEMSEG	01AG004	67
KENNEBECASIS RIVER AT APOHAQUI	01AP004	68
KINNEAR RIVER NEAR HAUTE-ABOUJAGANE	01BT001	68
KOUCHIBOUGUAC RIVER NEAR YAUTOUR	01BR001	69
LAKE UTOPIA AT CANAL	01AG009	69
LEPREAU RIVER AT LEPREAU	01AG001	70
LIMESTONE STREAM AT FOUR FALLS	01AG002	70
LITTLE SOUTH BRANCH TOMOGONOPS RIVER BELOW B PIT	01BG003	71
LITTLE SOUTHWEST MIRAMICHI RIVER AT LYTTLETON	01BP001	71
MAGAGUADAVIC LAKE NEAR UPPER MAGAGUADAVIC	01AG007	72
MAGAGUADAVIC RIVER AT ELMCROFT	01AG002	72
MAMOZEKEL RIVER NEAR CAMPBELL RIVER	01AH005	73
MEDUNEKEAG RIVER NEAR BELLEVILLE	01AJ003	73
MIDDLE BRANCH NASHWAAKSIS STREAM AT SANDWITH'S FARM	01AK006	74
MIDDLE BRANCH NASHWAAKSIS STREAM NEAR ROYAL ROAD	01AK005	74
MIDDLE RIVER NEAR BATHURST	01BJ010	75
NACKAWIC STREAM NEAR TEMPERANCE VALE	01AK007	75
NARROWS MOUNTAIN BROOK NEAR NARROWS MOUNTAIN	01AL004	76
NASHWAAK RIVER AT DURHAM BRIDGE	01AL002	76
NASHWAAK RIVER AT STANLEY	01AL008	77
NEPISIGUIT RIVER AT NEPISIGUIT FALLS	01BK003	77
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NIGADOO RIVER NEAR ALCIDA	01BJ011	78
NORTH BRANCH GROMOCYD RIVER AT TRACY	01AN001	79
NORTHWEST MIRAMICHI RIVER AT TROUT BROOK	01BE001	79
PETITCODIAC RIVER NEAR PETITCODIAC	01BU003	80
PISKAHEGAN STREAM NEAR PLEASANT MOUNTAIN	01AG006	80
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RESTIGOUCHE RIVER ABOVE RAFTING GROUND BROOK	01BJ007	82
RESTIGOUCHE RIVER BELOW KEDGWICK RIVER	01BC001	82
RIVIERE CARAQUET AT BURNSVILLE	01BL002	83
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SAINT JOHN RIVER AT FORT KENT	01AD002	84
SAINT JOHN RIVER AT FREDERICTON	01AK003	84
SAINT JOHN RIVER AT GRAND FALLS	01AF002	85
SAINT JOHN RIVER AT HARTLAND SALMON POOL	01AJ006	85
SAINT JOHN RIVER AT MACTAQUAC GENERATING STATION	01AX009	86
SAINT JOHN RIVER AT MAUGERVILLE	01AD002	86
SAINT JOHN RIVER AT OAK POINT	01AP003	87
SAINT JOHN RIVER AT SAINT JOHN	01AP005	87
SAINT JOHN RIVER AT SIMONDS	01AJ005	88
SAINT JOHN RIVER AT THE FALLS AT GRAND FALLS	01AF003	88
SAINT JOHN RIVER BELOW MACTAQUAC	01AK004	89
SAINT JOHN RIVER NEAR EAST FLORENCEVILLE	01AJ001	89
SALMON RIVER AT CASTAWAY	01AN002	90
SHOGOMOC STREAM NEAR TRANS CANADA HIGHWAY	01AK001	90
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ST. CROIX RIVER AT VANCEBORO	01AR004	92
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TOBIQUE RIVER AT PLASTER ROCK	01AN003	94
TOBIQUE RIVER AT RILEY BROOK	01AN002	95
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CANAAN RIVER AT OUTLET OF CONNAUGHT LAKE	01EH005	98
CHETICAMP RIVER ABOVE ROBERT BROOK	01FC002	99
CHETICAMP RIVER BELOW ARTEMISE BROOK	01FC003	99
CLAM HARBOUR RIVER NEAR BIRCHTOWN	01ER001	100
EAST RIVER AT ST. MARGARETS BAY	01EH003	100
FRASER BROOK NEAR ARCHIBALD	01DH003	101
GOLD RIVER AT MOSHER'S FALLS	01EG002	101
GRAND RIVER AT LOCH LOMOND	01FH001	102
INDIAN BROOK AT INDIAN BROOK	01FE002	102
KEJIMKUJIK LAKE	01ED006	103
KELLEY RIVER (MILL CREEK) AT EIGHT MILE FORD	01DL001	103
LAHAVE RIVER AT WEST NORTHFIELD	01EF001	104
LAKE O'LAW BROOK AT EGYPT ROAD	01FB006	104
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LITTLE SACKVILLE RIVER AT MIDDLE SACKVILLE	01EJ004	105
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MERSEY RIVER BELOW MILL FALLS	01ED007	108
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MIDDLE RIVER OF PICTOU AT ROCKLIN	01DP004	109
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NORTH LITTLE RIVER BELOW BEAVER DAM LAKE	01FA003	110
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RIGHTS RIVER NEAR ANTIGONISH	01DR003	113
RIVER INHABITANTS AT GLENORA	01FA001	113
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SHARPE BROOK AT LLOYDS	01DD004	117
SHUBENACADIE RIVER AT ENFIELD	01DG006	118
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TUSKET RIVER AT WILSON'S BRIDGE	01EA003	120
WALLACE RIVER AT WENTWORTH CENTRE	01DN004	120
WESTFIELD RIVER NEAR NORTH BROOKFIELD	01EE004	121
WHITEBURN BROOK BELOW POLLOCK LAKE	01EE007	121
PRINCE EDWARD ISLAND		
BRUDENELL RIVER AT BRUDENELL	01CE004	122
CARRUTHERS BROOK NEAR ST. ANTHONY	01CA003	122
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DUNK RIVER AT WALL ROAD	01CB002	123
EMERALD BROOK NEAR EMERALD	01CB005	124
MONTAGUE RIVER NEAR HEAD OF MONTAGUE	01CE005	124
MORELL RIVER AT BANGOR	01CD003	125
NORTH BROOK NEAR WALL ROAD	01CB006	125
WEST RIVER AT RIVERDALE	01CC005	126
WILMOT RIVER NEAR WILMOT VALLEY	01CB004	126
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02YA002	BARTLETTS RIVER NEAR ST. ANTHONY	3
02YC001	TORRENT RIVER AT BRISTOL'S POOL	48
02YD002	NORTHEAST BROOK NEAR ROBDICKTON	30
02YE001	GREAVETT BROOK ABOVE PORTLAND CREEK POND	15
02YE001	MAIN RIVER AT PARADISE POOL	26
02YE002	MIDDLE ARM BROOK BELOW FLATWATER POND	27
02YH001	BOTTOM CREEK NEAR ROCKY HARBOUR	5
02YJ001	HARRYS RIVER BELOW HIGHWAY BRIDGE	16
02YJ002	BLANCHE BROOK NEAR STEPHENVILLE	4
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